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EXPENDITURES FOR TRAVEL

FROM WASHINGTON TO POINTS OUTSIDE OF THE
DISTRICT OF COLUMBIA
PERFORMED BY CERTAIN OFFICERS
AND EMPLOYEES OF THE

DEPARTMENT OF AGRICULTURE

DURING THE FISCAL YEAR

ENDED JUNE 30

1911

SEP 16 1912 ★

PREPARED UNDER THE DIRECTION OF THE SECRETARY OF AGRICULTURE

By A. ZAPPONE

CHIEF OF THE DIVISION OF ACCOUNTS AND DISBURSEMENTS

DECEMBER 5, 1911.—Referred to the Committee on Expenditures in the
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1911

TABLE OF CONTENTS.

	Page.
Office of the Secretary.....	4
Weather Bureau.....	7
Bureau of Animal Industry.....	10
Bureau of Plant Industry.....	29
Forest Service.....	74
Bureau of Chemistry.....	86
Bureau of Soils.....	99
Bureau of Entomology.....	102
Division of Accounts and Disbursements.....	107
Bureau of Statistics.....	108
Library.....	110
Office of Experiment Stations.....	110
Office of Public Roads.....	117
Insecticide Board.....	133
Recapitulation by appropriations.....	134

LETTER OF TRANSMITTAL.

DEPARTMENT OF AGRICULTURE,
OFFICE OF THE SECRETARY,
Washington, December 4, 1911.

SIR: As required by the act approved May 22, 1908 (35 Stat. L., 244), I have the honor to transmit herewith a statement showing in detail the travel, from Washington to points outside of the District of Columbia, performed by officers and employees (other than special agents, inspectors, and employees who in the discharge of their regular duties are required to constantly travel) of the Department of Agriculture during the fiscal year 1911.

A copy of this report has also been transmitted to the President of the Senate.

Very respectfully,

JAMES WILSON,
Secretary.

THE SPEAKER OF THE HOUSE OF REPRESENTATIVES.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, together with their official titles, destination or destinations of such travel, the business or work on account of which the same was made, and the total expense to the United States charged in each case. (35 Stat. L., p. 244.)

OFFICE OF THE SECRETARY.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Augusterfer, R.....	Mechanic.....	Schenectady, N. Y., Boston and Lynn, Mass., and Middlebury, Vt. (Aug. 23-27, 1910.)	To test motors purchased by the bureau, inspect centrifuge and supervise installation of telephone system at Morgan (Government) horse farm.	\$58.39	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Middlebury, Vt. and Orange, N. Y. (Nov. 8-12, 1910.)	To inspect telephone system at Middlebury and obtain information concerning storage battery for Athenia, N. J., at Orange.	35.48	Cooperative experiments in animal feeding and breeding, 1911.
Do.....	do.....	Athenia, N. J. (May 27-28, 1911.)	To inspect electrical equipment for lighting plant.	3.00	General expenses, B. A. I., 1911 (inspection and quarantine).
Boyle, C. W.....	Law clerk.....	Marlboro, Md. (July 1 and 5, 1910.)	To close up the purchase of a tract of land by the bureau at Beltsville, Md.	18.50	Do.
Do.....	do.....	Boston, Mass., with stop-over at Baltimore, Md. (Mar. 6-11, 1911.)	To confer with bureau inspectors concerning facilities for quarantine of imported animals.	2.36	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Baltimore, Md., and points in that vicinity. (Apr. 15-25, 1911.)	To inspect a suitable tract of land for use as a quarantine station.	40.20	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.....	do.....	Baltimore, Md. (May 15, 1911).....	To investigate the enforcement of meat-inspection regulations.	12.40	General expenses, B. A. I., 1911 (administrative expenses).
Fegan, H. L.....	do.....	New York, N. Y. (Nov. 16-18, 1910.)	To attend a session of the tea board in New York in connection with the enforcement of sec. 11, food and drugs act, in reference to importation of teas.	3.25	Meat inspection, B. A. I., 1911.
Do.....	do.....	Pittsburgh, Pa. (Apr. 27-29, 1911).....	To investigate enforcement of meat-inspection regulations.	16.50	General expenses, Bureau of Chemistry, 1911 (F. and D. act, misc. exp.)
Hays, W. M.....	Assistant Secretary of Agriculture.	Boston, Mass. (July 4-8, 1910).....	To give address on enforcement of meat-inspection regulations.	22.80	Meat inspection, B. A. I., 1911.
Do.....	do.....	Chicago, Ill. (July 20-23, 1910).....	To give address on agriculture before teachers.	49.90	Contingent expenses, Department of Agriculture, 1911.
Do.....	do.....	Boston, Mass. (July 26-29, 1910).....	To attend meeting of the executive committee of the National Corn Exposition and others interested in the organization of agriculture.	66.15	Do.
Do.....	do.....		To give an address on the organization of agriculture before the annual grange picnic at Hampton Beach, N. H.	37.56	Do.

Do.....	do.....	Montgomery County, Md. (Sept. 3, 1910.)	To investigate plans for the organization of agriculture of a county.	18. 00	Do.
Do.....	do.....	Baltimore and Salisbury, Md. (Sept. 6-8, 1910.)	To deliver an address before farmers' institute at Salisbury, Md.	6. 05	Do.
Do.....	do.....	Wheeling and Keyser, W. Va., and Hancock, Md. (Sept. 27-30, 1910.)	To deliver agricultural addresses.....	27. 85	Do.
Do.....	do.....	Montgomery and Auburn, Ala., Atlanta, Ga., and Raleigh, N. C. (Oct. 22-26, 1910.)	To deliver agricultural addresses and visit experiment station at Raleigh, N. C.	72. 23	Do.
Do.....	do.....	Jersey City, N. J. (Nov. 18-19, 1910.)	To deliver an address on plant breeding and farm management.	19. 65	Do.
Do.....	do.....	Des Moines, Iowa, Columbus, Ohio, and Worcester, Mass. (Nov. 2-11, 1910.)	To deliver addresses on agriculture.....	112. 50	Do.
Do.....	do.....	New York, N. Y. (Dec. 1-2, 1910.)	To give address on agriculture before Y. M. C. A. county workers.	19. 70	Do.
Do.....	do.....	Huntington, Pa. (Dec. 5-6, 1910.)	To give address before rural conservation convention on agriculture.	14. 40	Do.
Do.....	do.....	Roanoke, Va. (Jan. 11-13, 1911.)	To give address before State farmers' institute on country life education.	18. 95	Do.
Do.....	do.....	Chattanooga, Tenn. (Dec. 27-31, 1910.)	To address Southern Educational Association on agriculture.	66. 35	Do.
Do.....	do.....	Columbus, Ohio. (Jan. 31-Feb. 4, 1911.)	To address American Breeders' Association, National Corn Exposition, and Ohio Dairy Association.	54. 10	Do.
Do.....	do.....	Columbus, Ohio. (Feb. 7-9, 1911.)	To address National Corn Show on rural schools.	35. 95	Do.
Do.....	do.....	Ithaca, N. Y. (Feb. 21-23, 1911.)	To address Plant Breeders' Association on organization of breeding.	27. 10	Do.
Do.....	do.....	Farm School, Pa. (Feb. 26-27, 1911.)	To give address on agriculture before graduating class at National Farm School.	10. 70	Do.
Do.....	do.....	Bethany, W. Va. (Mar. 2-4, 1911.)	To give address on agriculture at Bethany College.	26. 95	Do.
Do.....	do.....	Louisville, Ky. (Mar. 28-31, 1911.)	To give address on rural schools before State rural school meeting.	46. 75	Do.
Do.....	do.....	Trenton, N. J. (Apr. 3-4, 1911.)	To give address on improvement of country homes before Association of Correction and Charities.	13. 07	Do.
Do.....	do.....	Braddock Heights, Md. (June 27-28, 1911.)	To address State Teachers' Association on agriculture.	8. 04	Do.
Do.....	do.....	Burlington, Vt. (June 29-30, 1911.)	To give address on agriculture at Burlington and to visit Morgan horse farm at Middlebury, Vt.	21. 28	Do.
Henderson, W. C.....	Law clerk.....	From Ogden, Utah, to Washington, D. C. (Oct. 1-6, 1910.)	Special detail for Forest Service legal work.....	87. 65	General expenses, Forest Service, 1911 (general administration). Do.
Do.....	do.....	To Ogden, Utah; Boise, Idaho; Butte and Missoula, Mont. (Nov. 4, 1910.)	.....do.....	115. 40	
Jones, Lewis.....	Chief engineer.....	(Assigned to Missoula before return.) Indianapolis, Ind. (July 13-15, 1910.)	To inspect two duplex steam pumps for use of the Department of Agriculture.	45. 55	Contingent expenses, Department of Agriculture, 1911.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF THE SECRETARY—Continued

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Jones, Lewis	Chief engineer	Kalamazoo, Mich. (Nov. 2-7, 1910)	To inspect two underfeed mechanical stokers to be installed in the power plant of the Department of Agriculture.	\$74.14	Contingent expenses, Department of Agriculture, 1911.
Jones, W. P.	Law clerk	Boston, Mass.; Providence, R. I., Nashua, N. H., and New York City. (Sept. 3-29, 1910.)	To confer with United States attorneys regarding preparation and prosecution of cases pending under the food and drugs act in these several districts.	54.40	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	Chattanooga, Tenn., and return; Boston, Mass., New Haven, Conn., Philadelphia, Pa., and New York. (Oct. 11-22, 1910.)	To confer with special assistant to the Attorney General and assist in taking testimony by deposition in the case of U. S. v. Forty Barrels and Twenty Kegs of Coca Cola.	118.12	Do.
Do.	do.	New York, N. Y. (Oct. 31-Nov. 1, 1910.)	To confer with United States attorney in regard to preparation and prosecution of ice-cream cone cases.	16.50	Do.
Do.	do.	Knoxville, Tenn., Chattanooga, Tenn., Nashville and Memphis, Tenn. (Nov. 7-13, 1910.)	To confer with special assistant to the Attorney General and assist in taking testimony by deposition in the case of U. S. v. Forty Barrels and Twenty Kegs of Coca Cola.	82.45	Do.
Do.	do.	Montgomery, Ala. (Dec. 11-16, 1910)	To confer with and assist the United States attorney in preparation of the case of U. S. v. One Carload Corno Horse and Mule Feed.	75.90	Do.
Knorr, G. W.	Private secretary to the Assistant Secretary of Agriculture.	Louisville, Ky., Indianapolis, Ind., and Davenport and Des Moines, Iowa. (Sept. 12-Oct. 16, 1910.)	To pursue investigation in connection with roads, soils, farm management, schools, and other subjects pertaining to the general work of the department.	150.79	Contingent expenses, Department of Agriculture, 1911.
McCabe, Geo. P.	Solicitor	New Orleans, La. (Nov. 25-Dec. 4, 1910.)	Work as a member of the Board of Food and Drug Inspection.	102.00	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
McConville, A. H.	Law clerk	Pittsburgh, Pa. (July 23-28, 1910)	To investigate enforcement of meat-inspection regulations.	37.00	Meat inspection, B. A. 1, 1911.
Do.	do.	Pittsburgh, Pa. (Aug. 9-11, 1910)	do.	23.90	Do.
Do.	do.	Pittsburgh, Pa. (May 7-17, 1911)	do.	60.25	Do.
Do.	do.	Chicago, Ill., Ann Arbor, Mich., Cleveland, Ohio, Pittsburgh, Pa. (Jan. 29-Feb. 3, 1911.)	To confer with special assistant to the Attorney General and assist in taking testimony by deposition in the case of U. S. v. Forty Barrels and Twenty Kegs of Coca Cola.	69.59	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).

Do.....	.....do.....	Chattanooga, Tenn., and Atlanta, Ga. (Mar. 4-Apr. 8, 1911.)	To assist special Assistant Attorney General and United States attorney at Chattanooga in trial of case of U. S. v. Forty Barrels and Twenty Kegs of Coca Cola and to represent the United States in taking depositions in this case at Atlanta. Special detail to assist in legal work of the Forest Service in district 3.	258. 95	Do.
Northrup, Alfred S.....	.....do.....	To Albuquerque, N. Mex., and points in district 3. (Nov. 8, 1910-Jan. 3, 1911.)	Consulting United States district attorneys and examining records to learn their condition for the purpose of mapping out a plan for the examination of files of land to be purchased under the Weeks law.	381. 05	General expenses, Forest Service, 1911 (general administration).
Quiggle, E. B.....	.....do.....	To Roanoke, Va., Spartanburg, S. C., Knoxville, Tenn., and intermediate points. (May 22-31, 1911.)	Detail to district 3 in place of law officer transferred to district 4.	66. 20	Acquisition of lands for protection of watersheds of navigable streams, 1911.
Do.....	.....do.....	To Boston, Mass., and points in New England States. (June 11-17, 1911.)	Arranging a plan for cooperation in legal work between the Forest Service and the General Land Office.	59. 92	Do.
Seth, Julien O.....	.....do.....	To Albuquerque, N. Mex. (May 31-June 3, 1911.)	Legal work in connection with certain homestead claims in the Choctawhatchee National Forest.	81. 95	General expenses, Forest Service, 1911 (general administration).
Williams, R. W., jr.....	.....do.....	To all district headquarters of the Forest Service. (Aug. 18-Oct. 1, 1910.)	General inspection of Forest Service work in the West.	432. 00	Do.
Do.....	.....do.....	To Pensacola and Jacksonville, Fla. (Jan. 26-Feb. 11, 1911.)	To address the Southern Commercial Congress.	81. 95	Do.
Wilson, James.....	Secretary of Agriculture.	To various western district headquarters of the Forest Service and national forest headquarters. (July 1-Sept. 8, 1910.) (Trip begun in fiscal year 1910; includes expenses of private secretary to the Secretary of Agriculture.)		926. 36	Do.
Do.....	.....do.....	Atlanta, Ga. (Mar. 7-10, 1911.)		43. 85	Contingent expenses, Department of Agriculture, 1911.
WEATHER BUREAU.					
Beuter, Sophia A.....	Clerk, class 3.....	Rockville, Md. (July 9-Aug. 30, 1910.)	To perform special clerical and stenographic work.	\$10. 80	General expenses, Weather Bureau, 1911.
Bowie, Edward H.....	District forecaster.....	Mount Weather, Va. (Apr. 25-26, 1911.)	To observe and study aerial work in connection with weather forecasting.	3. 73	Do.
Do.....	.....do.....	Boston, Gloucester, Marblehead, Fall River, Mass., and Newport, R. I., and Eastport and Portland, Me. (June 14-25, 1911.)	To inspect storm-warning stations, and to study local conditions along the New England coast in connection with weather forecasting.	75. 71	Do.
Carroll, Daniel J.....	Chief clerk.....	Rockville, Md. (July 23-Aug. 6, 1910.)	To consult with the chief of bureau relative to matters concerning the administration of the central office of the Weather Bureau.	2. 70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

WEATHER BUREAU—Continued

Name	Title	Destination	Business or work.	Total expense.	Appropriation
Frankenfield, Harry C.....	Professor of meteorology.	Denver, Wagon Wheel Gap, Colo., Salt Lake City, Utah, and Chicago, Ill. (July 1-19, 1910.)	To assist in inaugurating special meteorological investigations in Rio Grande National Forest, and to consult with Weather Bureau officials relative to river and flood work.	\$232.40	General expenses, Weather Bureau, 1911.
Do.....	do.....	Indianapolis, Ind., Buffalo and Albany, N. Y., Springfield and Holyoke, Mass., Hartford, Conn., Bellows Falls, White River Junction, and Wells River, Vt., Concord, N. H., Boston, Mass., New York, N. Y., and Philadelphia, Pa. (Sept. 1-23, 1910.)	To inaugurate new river service, inspect river substations, and to consult with local officials relative to improving river forecasts.	138.59	Do.
Do.....	do.....	Philadelphia, Pa. (Nov. 28-Dec. 1, 1910.)	To consult with local Weather Bureau official relative to river and flood work of his district.	25.20	Do.
Do.....	do.....	Knoxville and Chattanooga, Tenn., Atlanta and Augusta, Ga., Columbia, S. C. (Mar. 2-14, 1911.)	To inspect river districts in the territory visited, and to consult with Weather Bureau officials relative to improving river forecasts and flood warnings.	102.07	Do.
Do.....	do.....	Wilkes-Barre, Pa. (Mar. 23-25, 1911.)	To secure river data and to consult with local Weather Bureau official relative to improving river forecasts and flood warnings.	26.85	Do.
Do.....	do.....	Wagon Wheel Gap, Colo. (May 12-24, 1911.)	To observe progress of special investigations in Rio Grande National Forest, and to consult with Weather Bureau officials relative to improving river forecasts.	181.58	Do.
Gillam, Frank.....	Section director.....	Mount Weather, Va. (July 19, 1910.)	To observe research work preliminary to field assignment.	2.80	Do.
Heiskell, Henry L.....	Marine meteorologist and chief of division.	Baltimore, Md. (Sept. 9, 1910.)	To inspect printing press preliminary to purchase for Weather Bureau printing office.	3.30	Do.
Do.....	do.....	Baltimore, Md., New York, N. Y., Cleveland, Ohio, St. Louis, Mo. (Dec. 12, 1910-June 22, 1911.)	To consult with local Weather Bureau officials relative to marine meteorological work and commercial map, and to consult with manufacturers of engraving plates used by the Weather Bureau.	103.50	Do.
Hobbs, Herman E.....	Clerk, class 3.....	Mount Weather, Va. (June 20-21, 1911.)	To inspect and repair electric-light wiring at research observatory.	3.50	Do.

Humphreys, William J.....	Professor of meteorological physics.	Boston, Mass., Pasadena, and San Francisco, Cal. (Aug. 15-Sept. 20, 1910.)	To attend meeting of Astronomical and Astrophysical Society of America, and the fourth conference of International Union for Cooperation in Solar Research.	255.90	Do.
Do.....	do.....	Mount Weather, Va. (Oct. 4-7, 1910, Apr. 17-June 14-16, 1911.)	To inspect, mount, give instructions concerning assembling, examine, and adjust special apparatus in the physical laboratory.	13.80	Do.
Do.....	do.....	Minneapolis, Minn. (Dec. 21, 1910-Jan. 2, 1911.)	To attend meeting of American Association for the Advancement of Science.	94.35	Do.
Hunt, George E.....	Clerk, class 4.....	Baltimore, Md. (Sept. 9, 1910).....	To inspect press preliminary to purchase for Weather Bureau printing office.	3.30	Do.
Jones, J. H.....	do.....	Detroit, Mich., and Philadelphia, Pa. (Aug. 22-27, 1910, and Mar. 23-26, 1911.)	To inspect glass maps under construction for Weather Bureau.	75.85	Do.
Kimball, Herbert H.....	Professor of meteorology.	Madison, Wis., Omaha and Lincoln, Nebr., Cheyenne, Wyo., Santa Fe, N. Mex., Flagstaff, Phoenix, and Tucson, Ariz. (July 13-Oct. 15, 1910.)	To conduct solar radiation investigations...	402.77	Do.
Do.....	do.....	Mount Weather, Va. (May 2-June 10, 1911.)	To install apparatus and conduct solar radiation investigations.	47.25	Do.
King, Thomas H.....	Assistant foreman of division.	New York, N. Y. (Aug. 22-23 1910, and June 12-13, 1911.)	To inspect lithographic stones prior to acceptance.	21.00	Do.
Do.....	do.....	Baltimore, Md. (Sept. 9, 1910.)	To inspect press preliminary to purchase for Weather Bureau printing office.	3.30	Do.
McCartney, Bernard T.....	Engineer.....	Mount Weather, Va. (June 2, 1911.)	To inspect storage battery at research observatory.	2.90	Do.
Magrum, Albert F.....	Assistant observer.....	Lynchburg, Va. (Jan. 13-22, 1911).....	To give instructions in chalk-plate work required in engraving weather maps.	25.17	Do.
Maring, Delos T.....	Clerk, class 4.....	Pittsburgh, Pa., Kendallville, Ind., Grand Rapids, Lansing, and Detroit, Mich., Cleveland, Ohio. (Sept. 8-Oct. 2, 1910.)	To inspect storm-warning and instrument towers under construction for Weather Bureau at Kendallville, Ind., and to inspect the instrumental equipment of other stations visited.	57.29	Do.
Marvin, Charles F.....	Professor of meteorology.	New York, N. Y., Philadelphia, Pa., Fort Wayne, Ind., Chicago, Ill., St. Louis, Mo., Dayton and Cleveland, Ohio. (Nov. 16-19, 1910, and Apr. 10-21, 1911.)	To inspect instrumental exposure and equipment, and to consult with manufacturers regarding the construction of instruments.	118.10	Do.
Moore, Willis L.....	Chief of bureau.....	Philadelphia, Pa.; New York, N. Y.; Providence, R. I. (Aug. 23-Sept. 4, 1910.)	To attend convention of Atlantic Deep-sea Waterways Association and to confer regarding meteorological experiments.	65.05	Do.
Do.....	do.....	New York, N. Y. (Oct. 28-Nov. 1, 1910.)	To select new office quarters.....	46.75	Do.
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Dec. 12-13, 1910.)	To confer with local Weather Bureau officials and officers of the maritime association regarding marine meteorological work.	67.80	Do.
Do.....	do.....	New York, N. Y. (Jan. 17-24, 1911).....	To examine instrument exposures at new office quarters and to confer with Weather Bureau officials relative to local administrative matters.	54.35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

WEATHER BUREAU—Continued.

Name	Title	Destination.	Business or work.	Total expense.	Appropriation.
Moore, Willis L	Chief of bureau	New London, Conn. (Feb. 13-16, 1911.)	To address meeting of Connecticut Society of Civil Engineers on Weather Bureau work.	\$49.35	General expenses Weather Bureau 1911.
Do.....	do.....	Dayton, Columbus, Cincinnati, Ohio; Fort Wayne, Ind.; New York, N. Y. (Mar. 7-20, 1911.)	To select quarters and arrange for establishing stations at Dayton and Fort Wayne; to inspect the stations Columbus and Cincinnati, Ohio, and to adjust matters concerning the personnel of the New York station, and for consultation with officials of Columbian University relative to meteorological instruction.	148.95	Do.
Do.....	do.....	New York, N. Y. (Apr. 26-28, 1911)...	To confer regarding publication of weather data and changes in new office quarters.	\$4.50	Do.
Do.....	do.....	New York, N. Y. (May 26-27, 1911)...	To confer regarding local administrative matters and inspect office quarters.	17.25	Do.
Do.....	do.....	Mount Weather, Va. (June 15, 1911)...	To accompany members of the House Committee on Expenditures in Department of Agriculture.	2.80	Do.
Pickels, Alfred C.....	Assistant observer.....	Mount Weather, Va. (Sept. 13-21, 1910.)	To perform temporary duty as assistant during interchange of regular assistants.	10.80	Do.
Williams, H. E.....	Assistant Chief of Bureau.	Richmond, Va. (June 20, 1911).....	To conduct examination of a Weather Bureau employee.	6.20	Do.

BUREAU OF ANIMAL INDUSTRY

Ayers, S. H.....	Dairyman.....	Ames, Iowa. (July 24-30, 1910).....	To deliver address on subjects concerning bacteria in milk and pasteurized milk.	72.75	General expenses, B. A. I., 1911 (dairy industry).
Behnke, A. E.....	Associate chief, inspection division.	Points in States of Maryland, New York, Pennsylvania, Massachusetts, Virginia, Georgia, Alabama, Florida, Louisiana, Ohio, Kentucky, Indiana, Illinois, and Michigan. (Oct. 3-Nov. 28, 1910.)	To hold examinations for bureau employees.	87.28	Meat inspection, B. A. I., 1911.
Do.....	do.....	Omaha, Nebr. (June 10-18, 1911).....	To attend bureau's convention of veterinary inspectors on meat inspection.	2.55	Do.
Bell, G. A.....	Assistant animal husbandman.	Laramie, Wyo., and Fort Collins, Colo. (Oct. 17-Nov. 2, 1910.)	To Laramie to arrange breeding of ewes and Fort Collins to observe progress of horse-breeding experiments.	173.55	Cooperative experiments in animal feeding and breeding, 1911.

Do.	.....do.....	Chicago, Ill. (Nov. 23-Dec. 4, 1910)...	To attend International Horse Show and International Live Stock Exposition.	101.85	Do.
Do.	.....do.....	Beltsville, Md. (Jan. 27 and Mar. 19, 1911.)	To inspect work at experiment (Government) station.	.95	General expenses, B. A. I., 1911 (administrative expenses).
Do.	.....do.....	Athenia, N. J. (Apr. 2-4, 1911).....	To inspect animal imported for breeding purposes.	25.35	General expenses, B. A. I., 1911 (animal husbandry).
Do.	.....do.....	Beltsville, Md. (Apr. 18 and May 13, 1911.)	To inspect work at experiment (Government) station.	1.40	General expenses, B. A. I., 1911 (administrative expenses).
Benner, W. G.	Veterinary inspector.....	Points in the vicinity of the District of Columbia (July 1, 1910-June 30, 1911.)	To test cattle for tuberculosis.....	282.79	General expenses, B. A. I., 1911 (inspection and quarantine).
Bothell, F. H.	Dairyman.....	Points in New Jersey and New York. (Mar. 20-Apr. 1, 1911.)	To introduce score-card system of dairy inspection and deliver addresses on "Clean milk."	39.93	General expenses, B. A. I., 1911 (dairy industry).
Do.	.....do.....	Points in Indiana, Missouri, Nebraska, and Iowa. (Apr. 10-May 7, 1911.)	To confer with municipal health officer concerning methods of inspection and investigation of market milk conditions.	169.16	Do.
Do.	.....do.....	Points in the New England States. (May 30-June 28, 1911.)	To inspect dairies from which milk and cream are shipped to Boston, Mass.	212.20	Do.
Bowen, J. T.	.....do.....	Beltsville, Md. (Jan. 16-Feb. 16, 1911; 9 trips.)	To assist in dairy work at experiment (Government) station.	6.25	General expenses, B. A. I., 1911 (administrative expenses).
Do.	.....do.....	Points in New Jersey and Delaware. (Mar. 9-23, 1911.)	To obtain information concerning the process of refrigeration and inspect boilers and machinery at milk plants, creameries, and dairies.	71.49	General expenses, B. A. I., 1911 (dairy industry).
Do.	.....do.....	Beltsville, Md. (Apr. 24, 1911).....	To assist in work at experiment (Government) station.	.50	General expenses, B. A. I., 1911 (administrative expenses).
Do.	.....do.....	Annapolis, Md. (June 16, 1911), and Baltimore, Md. (June 30, 1911.)	Annapolis, Md., to observe test on refrigeration, Baltimore, Md., to observe dairy plants.	.10	General expenses, B. A. I., 1911 (dairy industry).
Brookbank, R. E.	Veterinary inspector.....	Points in the vicinity of the District of Columbia. (Apr. 11-May 31, 1911.)	To test cattle for tuberculosis.....	57.20	General expenses, B. A. I., 1911 (inspection and quarantine).
Brough, W.	Machinist and instrument maker.....	St. Louis, Mo., and National Stock Yards, Ill. (Aug. 22-Sept. 8, 1910.)	To investigate system of branding meats and marking animals.	121.62	Meat inspection. B. A. I., 1911.
Do.	.....do.....	Baltimore, Md. (Sept. 13, 1910.)	To inspect branding devices.....	2.45	Do.
Buckley, J. S.	Assistant in pathology.....	Points in Utah, Wyoming, and adjacent States. (July 3-Sept. 21, 1910.)	To study lip-and-leg disease and bighead of animals.	308.95	General expenses, B. A. I., 1911 (administrative expenses).
Do.	.....do.....	Bridgeport, Conn. (Feb. 1-3, 1911)....	To assist in post-mortem examination of animals.	17.31	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.	.....do.....	Woodstock, Va. (Feb. 28-Mar. 1, 1911.)	To investigate outbreak of disease among horses.	0.20	General expenses, B. A. I., 1911 (diseases of animals).
Cook, A. S.	Junior dairyman.....	Beltsville, Md. (Jan. 11-31, 1911; 8 trips.)	To assist in work at experiment station.....	.10	General expenses, B. A. I., 1911 (administrative expenses).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Cook, A. S.	Junior dairyman	Glencoe, Md. (Mar. 2, 1911)	To address Cow Testing Association on sub- ject "Cow Testing Association work in Maine."	\$3.42	General expenses, B. A. I., 1911 (dairy indus- try).
Do	do	Wiley, Va. (Mar. 28-May 18, 1911, 12 trips.)	To assist in dairy investigations in coopera- tion with Bureau of Plant Industry.	60.33	Do.
Do	do	Points in Virginia and Pennsylvania. (June 8-30, 1911.)	To assist in organizing cow-testing associa- tions and cooperate with State authorities in connection with this work.	126.84	Do.
Davis, B. J.	Laboratory helper	Albert Lea, Minn., and Ithaca, N. Y. (Oct. 10-23, 1910.)	To make investigations relative to gas-form- ing bacteria of milk.	60.03	Do.
Dorman, J. E.	Assistant dairyman	Points in North Carolina and Georgia. (July 26, 1910.)	To assist in erection of experimental silos.	172.06	Do.
Do	do	Points in North Carolina and Georgia. (Aug. 15-Oct. 31, 1910.)	do	266.83	Do.
Do	do	Beltsville, Md. (June 16-24, 1911; 7 trips.)	To assist in work at experiment station.	6.68	General expenses, B. A. I., 1911 (administrative expenses).
Dorset, M.	Chief, Biochemic Divi- sion.	Milwaukee, Wis., Ames, Iowa, and Chicago, Ill. (Aug. 31-Sept. 14, 1910.)	To inspect laboratories and examine work concerning hog cholera.	99.60	Meat inspection, B. A. I., 1911.
Do	do	New Orleans, La., Chicago, Ill., Oma- ha, Nebr., Kansas City, Kans. (Nov. 27-Dec. 13, 1910.)	To attend fourteenth annual convention of Association of State and National Food and Drug Departments at New Orleans, also meeting of United States Live Stock Sanitary Association at Chicago and in- spect laboratories at South Omaha, Nebr., and Kansas City, Kans.	22.35	General expenses, B. A. I., 1911 (diseases of ani- mals).
Do	do	New Haven, Conn., New York, N. Y., Philadelphia and Glen Olden, Pa. (Jan. 22-26, 1911.)	To inspect water supply of official establish- ment at New Haven, meat laboratory at New York, and laboratories at Philadel- phia, and Glen Olden, Pa.	183.43	Meat inspection, B. A. I., 1911.
Do	do	Omaha, Nebr. (June 10-19, 1911)	To attend bureau's convention of veterinary inspectors on meat inspection.	38.25	Meat inspection, B. A. I. 1911.
Do	do	Cincinnati, Ohio; Chicago, Ill.; East St. Louis, Ill.; Omaha, Nebr.; Kan- sas City, Mo.; Little Rock, Ark.; Spartanburg, S. C., and Raleigh, N. C. (Sept. 6-Oct. 19, 1910.)	To collect information concerning relative prices of cattle each side of the Texas-fever quarantine line.	.34	General expenses, B. A. I., 1911 (diseases of ani- mals).
Downing, J. E.	Expert in stock investi- gations.			57.49	Meat inspection, B. A. I., 1911.
Do	do			201.54	General expenses, B. A. I., 1911 (eradication cattle ticks).

Do.....	do.....	Des Moines, Iowa. (Dec. 10-17, 1910)...	To attend annual meeting of Corn Belt Producers' Association.	80.05	General expenses, B. A. I., 1911 (administrative expenses).
Eichhorn, A.....	Bacteriologist.....	Gettysburg, Pa. (July 20-26, 1910)....	To investigate reported outbreak of disease in cattle.	16.01	General expenses, B. A. I., 1911 (diseases of animals).
Do.....	do.....	Austria-Hungary and Germany. (Sept. 17-Oct. 22, 1910.)	To obtain information regarding the Hungarian method of preparing serum for hog cholera. Expenses to and from Europe were paid by Mr. Eichhorn.	202.91	Do.
Do.....	do.....	Chicago, Ill. (Dec. 4-9, 1910.)	To attend annual meeting of United States Live Stock Sanitary Association.	66.40	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.....	do.....	Springfield and Chicago, Ill. (Feb. 5-16, 1911.)	To Springfield to attend meeting of Live Stock Breeders' Association, Chicago, to investigate tuberculosis among hogs slaughtered in local abattoirs.	114.23	Meat inspection, B. A. I., 1911.
Do.....	do.....	Frederick, Va. (May 15, 1911).....	To make investigations concerning diseases of cattle and horses.	9.10	General expenses, B. A. I., 1911 (diseases of animals).
Eldridge, E. E.....	Junior dairyman.....	State College, Pa. (June 14-26, 1911)...	To engage in research concerning bacteriology of Swiss cheese.	34.34	General expenses, B. A. I., 1911 (dairy industry).
Ellenberger, W. P.....	Veterinary inspector....	Chicago, Ill. (Dec. 4-9, 1910).....	To attend annual meeting of United States Live Stock Sanitary Association.	64.65	General expenses, B. A. I., 1911 (eradicating cattle ticks).
Do.....	do.....	Points in the States of Alabama, Mississippi, Louisiana, Texas, Oklahoma, Arkansas, Missouri, Tennessee, Georgia, South Carolina, North Carolina, and Virginia. (Apr. 1-28, 1911.)	To attend meeting of stockmen and inspect work of eradicating cattle ticks.	228.47	Do.
Do.....	do.....	Points in Virginia. (May 21-26 1911).	To obtain information concerning transportation of southern cattle and tick eradication work.	23.20	Do.
Emery, J. A.....	Senior biochemist.....	Trenton, N. J. (May 17-18, 1911).....	To give testimony concerning alleged violations of meat-inspection regulations.	17.80	Meat inspection, B. A. I., 1911.
Farrington, A. M.....	Assistant chief of bureau.	Points in Maryland, Pennsylvania, New Jersey, New York, Rhode Island, and Massachusetts. (Oct. 3-27, 1910.)	To conduct examinations of bureau employees for promotion.	141.66	General expenses, B. A. I., 1911 (administrative expenses).
Formad, R. J.....	Scientific assistant in animal pathology.	Athenia, N. J. (Aug. 5-6, 1910).....	To investigate certain phases of animal diseases.	17.70	General expenses, B. A. I., 1911 (diseases of animals).
Do.....	Scientific assistant.....	Chatanooga, Tenn. (Mar. 14-Apr. 2, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	127.79	General expenses, Bureau of Chemistry, 1911, (food and drugs act, miscellaneous expenses).
Do.....	Scientific assistant in animal pathology.	Points in Montana and Colorado. (Aug. 10-Oct. 19, 1910.)	To investigate effect of smelter fumes on animals and vegetation consumed by animals.	535.05	General expenses, B. A. I., 1911 (diseases of animals).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination	Business or work.	Total expense.	Appropriation.
Formad, R. J	Scientific assistant in animal pathology.	New York, N. Y. (Apr. 23-24, 1911).....	To testify in case involving interstate shipment of meat in alleged violation of inspection regulations.	\$17.10	Meat inspection, B. A. I., 1911.
Do.....	do.....	Pittsburgh, Pa. (May 9-11, 1911).....	To testify in case of alleged violation of inspection regulations.	24.00	Do.
Gallagher, B. A.....	Veterinary inspector.....	Chattanooga, Tenn. (Jan. 31-Feb. 4, 1911.)	To testify in case of alleged violation of quarantine regulations.	54.45	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.....	do.....	Milwaukee, Wis. (Feb. 19-Mar. 15, 1911.)	To study extent of fetal tuberculosis among cows slaughtered.	136.35	Meat inspection, B. A. I., 1911.
Gallagher, F. L.....	do.....	Points in vicinity of District of Columbia. (July 1, 1910-June 30, 1911.)	To test cattle for tuberculosis.....	622.55	General expenses, B. A. I., 1911 (inspection and quarantine).
Graybill, H. W.....	Scientific assistant in zoology.	Lexington, Ky. (July 21, 25, 1910).....	To experiment in dipping cattle for eradicating cattle ticks.	75.95	General expenses, B. A. I., 1911 (eradicating cattle ticks).
Hickman, R. W.....	Chief, Quarantine Division.	New York, N. Y. (Aug. 9-11, 1910)....	To inspect work in connection with importation of hides and glue stock and arrange for their disinfection.	16.10	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Chicago, Ill. (Dec. 4-9, 1910).....	To attend annual meeting of United States Live Stock Sanitary Association.	66.30	Do.
Do.....	do.....	Athenia, N. J. (Feb. 17-19, 1911).....	To inspect work of importation and quarantine of imported animals.	18.80	Do.
Do.....	do.....	Columbus, Ohio, and Detroit, Mich. (May 2-6, 1911.)	To inspect work in connection with the quarantine and inspection of imported animals.	53.35	Do.
Kethley, J. R.....	Junior dairyman.....	Points in Pennsylvania. (Mar. 8-13, 1911.)	To look for suitable place for manufacture of experimental butter.	21.08	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Points in Illinois, Wisconsin, and Michigan. (May 29-June 30, 1911.)	To confer with management of creameries, supervise the manufacture of creamery butter, and offer suggestions concerning the work.	110.65	Do.
Kelly, E.....	Dairyman.....	Columbia, S. C., and Jacksonville, Fla. (July 25-Aug. 3, 1910.)	Columbia to confer with municipal health authorities, and render assistance in the work of improving local milk supply. Jacksonville to assist in introducing score-card system of inspection.	70.15	Do.
Do.....	do.....	Points in Ohio, Kentucky, Indiana, Illinois, Kansas, and Colorado. (Aug. 16-Sept. 23, 1910.)	Work in connection with the production of clean milk.	233.35	Do.

Do.	do.	Springfield, Ill.; Pittsburgh, Pa.; Chicago, Ill.; Fargo, N. Dak.; Grand Forks, N. Dak. (Oct. 16-Nov. 1, 1910.)	do.	232.90	Do.
Do.	do.	(Baltimore, Md. (Nov. 8-9, 1910.)	do.	12.65	Do.
Do.	do.	Baltimore, Md. (Nov. 16-17, 1910.)	do.	11.09	Do.
Do.	do.	Bristol, Pa. (Nov. 22-23, 1910.)	do.	2.20	Do.
Do.	do.	Baltimore, Md. (Nov. 29, 1910.)	do.	16.60	Do.
Do.	do.	Roanoke, Va. (Jan. 10-12, 1911.)	do.	30.32	Do.
Do.	do.	Harrisburg, Pa. (Jan. 22-27, 1911.)	do.	1.40	Do.
Do.	do.	Manassas, Va. (Feb. 27, 1911.)	do.	3.59	Do.
Do.	do.	Philapolis, Md. (Mar. 3, 1911.)	do.	57.19	Do.
Do.	do.	Points in New Jersey. (Mar. 20-Apr. 1, 1911.)	do.	34.60	Do.
Do.	do.	Philadelphia, Pa. (May 17-23, 1911.)	do.	95.44	Do.
Do.	do.	Points in New England States. (May 30-June 13, 1911.)	do.	.99	General expenses, B. A. I., 1911 (administrative expenses)
Do.	do.	Beltsville, Md. (June 24, 1911.)	To assist in work at experimental (Government) station.	2.15	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Baltimore, Md. (June 30, 1911.)	To test refrigerating machines.	31.90	Meat inspection, B. A. I., 1911.
Kerr, R. H.	Biochemist.	Pittsburgh, Pa. (July 24-28, 1910.)	To investigate alleged fraudulent shipments of meat-food products.	23.20	Do.
Do.	do.	Pittsburgh, Pa. (Oct. 3-5, 1910.)	To give evidence in case of alleged violation of meat-inspection regulations.	16.65	Do.
Do.	do.	Trenton, N. J. (Feb. 15-16, 1911.)	To appear as witness in case of shipment of oleomargarine, alleged to be in violation of the regulations.	56.19	Do.
Do.	do.	Pittsburgh, Pa. (May 8-17, 1911.)	To appear as witness in case of alleged violation of regulations governing movement of meats and meat-food products.	4.15	General expenses, B. A. I., 1911 (dairy industry).
Lambert, G. M.	Junior dairyman.	Williamsburg, Va. (Mar. 15-16, 1911.)	To confer with officials of creamery concerning the management.	1.60	Do.
Do.	do.	Sykesville, Md. (Mar. 27-28, 1911.)	do.	207.97	Do.
Do.	do.	Points in New England States. (May 14-June 25, 1911.)	To observe method of harvesting, storing, and using ice in various dairies and creameries.	775.72	General expenses, B. A. I., 1911 (animal husbandry).
Lamon, H. M.	Junior animal husbandman.	States east of Rock Mountains. (Aug. 1, 1910-Jan. 1, 1911.)	To make market investigations of poultry and eggs.	.70	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Beltsville, Md. (Jan. 5, 1911.)	To assist in work at experiment (Government) station.	121.78	General expenses, B. A. I., 1911 (animal husbandry).
Do.	do.	Points in Iowa and Kansas. (Jan. 6-15, 1911.)	To make market investigations of poultry and eggs.	16.45	Do.
Do.	do.	Trenton, N. J. (Jan. 19-20, 1911.)	do.	.80	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Beltsville, Md. (Jan. 21 and 27, 1911.)	To assist in work at Government experiment station.		

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Lamon, H. M.	Junior animal husband- man.	Baltimore, Md. (Feb. 17, 1911.)	To make market investigations of poultry and eggs	\$3.08	General expenses, B. A. I., 1911 (animal hus- bandry).
Do.	do.	Detroit, Mich. (Feb. 27-Mar. 1, 1911.)	do.	42.55	Do.
Do.	do.	Points in New England States. (Mar. 16-28, 1911.)	To obtain eggs for hatching, to be used in connection with the experimental breed- ing of poultry.	84.47	Do.
Do.	do.	Beltsville, Md. (Apr. 3, 1911.)	To assist in work at Government experiment station	.55	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in Illinois, Missouri, Kansas. (Apr. 7-June 30, 1911.)	To make market investigations of poultry and eggs.	400.35	General expenses, B. A. I., 1911 (animal hus- bandry).
Lee, A. R.	do.	Points in Kansas (July 28-Dec. 2, 1910.)	do.	390.60	Do.
Do.	do.	Points in Maryland and Virginia. (Dec. 17-22, 1910.)	do.	5.35	Do.
Do.	do.	Arlington, Va. (Jan. 13-15, 1911.)	To attend Southwest Virginia Poultry Asso- ciation show.	26.20	Do.
Do.	do.	Beltsville, Md. (Apr. 3, 1911.)	To assist in work at experiment station.	.55	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in Missouri and Kansas. (Apr. 7, 1911.)	To make market investigations of poultry and eggs.	283.42	General expenses, B. A. I., 1911 (animal hus- bandry).
McBryde, C. N.	Senior bacteriologist.	Chicago, Ill. (Oct. 18-Dec. 12, 1910.)	To study carcasses of hogs found upon slaughter to have cholera.	240.25	Meat inspection, B. A. I., 1911.
Do.	do.	New Orleans, La.; Fort Worth, Tex.; Kansas City, Kans.; South St. Joseph, Mo.; Omaha, Nebr.; and Chicago, Ill. (Mar. 8-Apr. 5, 1911.)	To investigate methods of preparing "Saus- age in oil."	240.45	Do.
Do.	do.	New Orleans, La. (May 27-June 5, 1911.)	To consult with Federal district attorney in trial of case of alleged violation of the meat- inspection regulations.	105.00	Do.
McKeown.	Veterinary inspector.	Points in vicinity of District of Colum- bia. (July 1, 1910-June 30, 1911.)	To test cattle for tuberculosis.	320.95	General expenses, B. A. I., 1911 (inspection and quarantine).
Magee, R. W.	Clerk.	Round Hill, Va. (July 21, 1910.)	To ship bureau property used in experiments to Washington.	2.75	General expenses, B. A. I., 1911 (dairy industry).

Malvin, A. D.	Chief of bureau	Points in New England States 92-Aug. 6, 1910.	(July 92-Aug. 6, 1910.)	47. 02	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Kansas City, Kans.; Albuquerque, N. Mex.; San Francisco, Cal.; Salt Lake City, Utah; Denver, Colo.; Chicago, Ill. (Aug. 27-Sept 21, 1910.)	To inspect bureau work at Boston, Mass., and Portland, Me.; make address before Vermont State Board of Health, Mont- pelier, Vt.; and visit the Morgan horse farm, Middlebury, Vt. To inspect work of the bureau and to attend meeting of American Veterinary Medical Association	322. 80	Do.
Do.	do.	New Orleans, La., and Chicago, Ill (Nov 27-Dec. 10 1910.)	To attend the fourteenth annual convention of Association of State and National Food and Drug Departments at New Orleans, and meeting of the United States Live Stock Sanitary Association at Chicago. To confer with a commission appointed by the mayor of Philadelphia to consider the improvement of the milk supply. To attend meeting of American Association of Medical Milk Commissions. To attend bureau's convention of veterinary inspector's on meat inspection. To test cattle for tuberculosis.....	154. 03	Do.
Do.	do.	Philadelphia, Pa. (Jan. 13-14, 1911.)	To investigate contagious diseases of animals and attend meeting of American Veteri- nary Medical Association.	13. 60	Do.
Do.	do.	Philadelphia, Pa. (May 23, 1911.)	To deliver address in infectious diseases of animals and inspect laboratories. To attend meeting of international commis- sion on control of bovine tuberculosis. To appear as witness in case of alleged viola- tion of meat inspection regulations. To New York, same as above; to Philadel- phia to inspect bureau work. To appear as witness in case of alleged viola- tion of meat-inspection regulations. To examine the condemnations of tubercu- lous hogs	13. 30	Do.
Do.	do.	Omaha, Nebr.; Creston, Iowa. (June 10-17, 1911.)	To attend bureau's convention of veterinary inspector's on meat inspection.	92. 55	Meat inspection, B. A. I. 1911.
Middleton, W. G.	Veterinary inspector	Points in the vicinity of District of Columbia. (July 1. 1910-June 30, 1911.)	To test cattle for tuberculosis.....	411. 85	General expenses, B. A. I., 1911 (inspection and quarantine)
Mohler, J. R.	Chief, Pathological Division.	Points in Colorado Wyoming, Utah, and California (July 14 th , 1910- Sept. 17, 1910.)	To investigate contagious diseases of animals and attend meeting of American Veteri- nary Medical Association.	418. 92 167. 22	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Chicago, Ill. (Dec. 4-9, 1910.)	To attend meeting of United States Live Stock Sanitary Association	(8. 17	Meat inspection, B. A. I., 1911
Do.	do.	Points in New York and Pennsylvania. (Jan. 10-14, 1911.)	To deliver address in infectious diseases of animals and inspect laboratories. To attend meeting of international commis- sion on control of bovine tuberculosis.	43. 53	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Buffalo, N. Y. (Feb. 28-Mar. 1, 1911.)	To appear as witness in case of alleged viola- tion of meat inspection regulations.	39. 38	Meat inspection, B. A. I. 1911.
Do.	do.	New York, N. Y. (Apr. 2-4, 1911.)	To New York, same as above; to Philadel- phia to inspect bureau work.	17. 80	Do.
Do.	do.	New York, N. Y., and Philadelphia. (Apr. 17-20, 1911.)	To appear as witness in case of alleged viola- tion of meat-inspection regulations.	25. 70	Do.
Do.	do.	Pittsburgh, Pa. (May 9-11, 1911.)	To examine the condemnations of tubercu- lous hogs	27. 25	Do.
Do.	do.	Philadelphia, Pa. (May 24-25, 1911.)	To attend bureau's convention of veterinary inspectors on meat inspection. To investigate reported outbreak of disease in cattle.	16. 35	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Omaha, Nebr. (June 10-June 17, 1911.)		58. 85	Meat inspection, B. A. I. 1911.
Do.	do.	Eccleston, Md. (June 23, 1911.)		8. 44	General expenses, B. A. I., 1911 (diseases of an- imals).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Morse, G. B.	Assistant pathologist and bacteriologist.	St. Louis, Mo. (Aug. 14-22, 1910).....	To attend meeting of American Poultry Association and deliver address on "Diseases of poultry."	\$78.41	General expenses, B. A. I., 1911 (diseases of animals). Do.
Do.	do.	Philadelphia, Pa. (May 13-16, 1911)...	To inaugurate cooperative work with Bureau of Chemistry.	14.95	
Opperman, C. L.	Junior animal husbandman.	Points in the States of Iowa, Kansas, and Kentucky. (July 6-Dec. 2, 1910.)	To make market investigations of poultry and eggs.	582.09	General expenses, B. A. I., 1911 (animal husbandry). Do.
Do.	do.	Upper Marlboro, Dec. 5-7, 1910).....	To accompany farmers' institute train.	2.47	
Do.	do.	Points in States of Missouri and Arkansas. (Jan. 6-23, 1911).....	To make market investigations of poultry and eggs.	178.07	Do.
Do.	do.	Beltsville, Md. (Apr. 3, 1911).....	To assist in work at experiment station.....	.55	General expenses, B. A. I., 1911 (administrative expenses). Do.
Do.	do.	Points in States of Illinois, Missouri, Kansas, and Kentucky. (Apr. 7-June 30, 1911.)	To make market investigations of poultry and eggs.	302.13	General expenses, B. A. I., 1911 (animal husbandry). Do.
Parks, G. H.	Architect.	Louisville, Ky.; Chicago and Jacksonville, Ill. (Sept. 25-Oct. 2, 1910.)	To inspect establishments where Federal inspection is maintained.	89.52	Meat inspection B. A. I., 1911.
Do.	do.	New York, N. Y., and vicinity. (Nov. 29-Dec. 1, 1910.)	To investigate cause of odors from slaughterhouses.	26.02	Do.
Do.	do.	Points in Oklahoma and Kansas and Athens, N. J. (Feb. 18-Mar. 2, 1911.)	To inspect construction of abattoirs. Athens, N. J., to supervise installation of storage batteries.	132.78	Do.
Do.	do.	Athenia, N. J. (Apr. 16-20, 1911).....	To supervise installation of storage batteries.	15.03	General expenses, B. A. I., 1911 (inspection and quarantine). Do.
Do.	do.	Athenia, N. J. (May 27, 1911).....	To inspect lighting plant and obtain information concerning proposed new barns.	34.55	Do.
Do.	do.	Omaha, Nebr. (June 10-19, 1911).....	To attend bureau's convention of veterinary inspectors on meat inspection.	17.10	Do.
Parks, K. E.	Dairy engineer.	Beltsville, Md. (July 21-Aug. 11, 1910; 16 trips.)	To assist in work at experiment station.....	104.05	Meat inspection, B. A. I., 1911.
Do.	do.	Greensboro, Ga., and Rocky Mount, N. C. (Aug. 13-Sept. 4, 1910.)	Testing silos constructed by the bureau.....	6.40	General expenses, B. A. I., 1911 (administrative expenses). Do.
Do.	do.	Wheeler, Va. (Sept. 16 and 19, 1910).....	To assist in constructing silo.....	122.83	General expenses, B. A. I., 1911 (dairy industry). Do.
Do.	do.	Beltsville, Md. (Sept. 21, 22, 23, and 26, 1910.)	To assist in work at experiment station.....	2.00	General expenses, B. A. I., 1911 (administrative expenses). Do.
Do.	do.			1.65	

Do.....	do.....	Rocky Mount, N. C. (Sept. 26-Oct. 12, 1910.)	To test silo constructed by the bureau.....	52.55	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Beltsville, Md. (Oct. 14-24, 1910; 5 trips, Oct. 27 and 28, 1910; Nov. 8, 1910.)	To assist in work at experiment station.....	3.50	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Round Hill, Va. (Oct. 26, 1910).....	To procure measurements of dairy farm.....	2.75	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Wiehle, Va. (Dec. 8, 1910).....	To assist in erecting dairy barn and installing water system.	1.10	Do.
Do.....	do.....	Beltsville, Md. (Dec. 13, 1910).....	To assist in work at experiment station.....	.55	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	New York, N. Y. (Dec. 16-18, 1910)...	To attend annual cement exhibition to collect information concerning cost of cement as applied to dairy buildings.	22.75	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Beltsville, Md. (Jan. 5-30, 1911; 10 trips.)	To assist in work at experiment station.....	6.55	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Beltsville, Md. (Feb. 10-Mar. 17, 1911; 12 trips.)	do.....	9.70	Do.
Do.....	do.....	Boston, Mass., and vicinity. (Mar. 19-26, 1911.)	To survey tract of land.....	60.12	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.....	do.....	Beltsville, Md. (Apr. 24, 25-29, 1911)...	To assist in work at experiment station.....	3.30	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Baltimore, Md. (May 1, 1911).....	To survey tract of land.....	3.10	General expenses, B. A. I., 1911-12.
Do.....	do.....	Beltsville, Md. (May 3-11, 13, and 25, 1911.)	To assist in work at experiment station.....	2.60	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Philadelphia, Pa. (May 20, 1911).....	To expedite delivery of materials for water system at Beltsville, Md.	7.80	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Beltsville, Md. (June 10-30, 1911).....	To assist in work at experiment station.....	11.32	General expenses, B. A. I., 1911 (administrative expenses).
Pope, G. W.....	Veterinary inspector.....	Points in vicinity of District of Columbia. (July 1, 1910-June 30, 1911.)	To test cattle for tuberculosis.....	337.75	General expenses, B. A. I., 1911 (inspection and quarantine).
Patten, G. M.....	do.....	do.....	do.....	302.46	Do.
Price, T. M.....	Scientific assistant.....	Cincinnati, Ohio. (July 20-25, 1910)...	To obtain information concerning process by which meats are cured.	50.30	Meat inspection, B. A. I., 1911.
Rabild, H.....	Dairymen.....	Points in States of Iowa, Colorado, Utah, Texas, Mississippi, Georgia, Illinois, and Maryland. (July 12-Aug. 31, 1910.)	To confer with bureau employees and college officials on matters relating to the dairy industry; also delivering addresses on same matter.	418.71	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Wiehle, Va. (Sept. 16, 1910).....	To assist in erection of silo.....	1.10	Do.
Do.....	do.....	Mount Carmel, Md. (Sept. 17, 1910)...	To deliver address at farmers' picnic on "Dairying,"	5.16	Do.
Do.....	do.....	Wiehle, Va. (Sept. 19, 1910).....	To assist in erection of silo.....	1.10	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Rabld, H.....	Dairymen	Hagerstown, Md., and Chicago, Ill., and points in the States of Michigan, Tennessee, Texas, Louisiana, Georgia, and Kentucky. (Oct. 13-Dec. 17, 1910.)	Hagerstown to give demonstration in cow-testing work and deliver address on the subject. Chicago to attend national dairy show. States mentioned to observe the progress of dairy investigations and confer with State officials concerning cooperative work.	\$336. 18	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Lexington, Ky.; Indianapolis, Ind.; and Ogdensburg, N. Y. (Jan. 4-25, 1911.)	To deliver addresses on "cow-testing associations."	137. 02	Do.
Do.....	do.....	Beltsville, Md. (Dec. 19, 1910, and Jan. 19, 1911.)	To observe progress of work at experimental farm.	1. 10	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Frederick, Md. (Feb. 9-10, 1911.).....	To deliver address on "Breeding dairy cattle."	4. 90	General expenses, B. A. I., 1911 (dairy industry).
Do.....	do.....	Points in New York, Vermont, and Michigan. (Feb. 21-Mar. 3, 1911.)	To deliver addresses on "Cow-testing associations,"	97. 36	Do.
Do.....	do.....	Wiley, Va. (Mar. 22, 1911.).....	To assist in cooperative feeding experiments in conjunction with Bureau of Plant Industry.	.85	Do.
Do.....	do.....	Philapolis and Baltimore, Md. (Mar. 24-25, 1911.)	To deliver addresses on "Cow-testing associations" and "Proper and timely analysis of cow-testing records."	5. 00	Do.
Do.....	do.....	Wiley, Va. (Apr. 9, 17, 21, 23, 30, and May 12, 1911.)	To assist in cooperative experiments in conjunction with the Bureau of Plant Industry.	5. 10	Do.
Do.....	do.....	Points in Illinois, Iowa, North Dakota, Texas, Arkansas, and Georgia. May 23-June 23, 1911.)	To observe progress of dairy investigations of the bureau and confer with employees engaged therein.	275. 40	Do.
Ramsay, R. A.....	Associate chief, Inspection Division.	Buffalo, N. Y. (Oct. 9-13, 1910.).....	To examine bureau work concerning interstate inspection of live stock.	46. 95	General expenses, B. A. I., 1911 (inspection and quarantine).
Do.....	do.....	Points in Illinois, Missouri, Kansas, Nebraska, Colorado, Wyoming, Utah, Nevada, California, Oregon, Washington, Montana, North Dakota, Minnesota, Iowa, and Wisconsin. (Dec. 12, 1910-Feb. 13, 1911.)	To confer with bureau employees and State live-stock officials on matters concerning the inspection and quarantine of live stock.	524. 44	Do.
Do.....	do.....	Indianapolis, Ind.; Detroit, Mich.; Frankfort and Louisville, Ky.; and Nashville, Tenn. (June 22-30, 1911.)	To observe progress of work of the bureau conducted at these points.	94. 10	Do.

Ranson, B. H.	Chief, Zoological Division.	Fredericksburg, Va. (Nov. 25, 1910).	To investigate parasitic disease in swine.....	\$4.80	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Chicago, Ill. (Dec. 4-9, 1910).....	To attend fourteenth annual meeting of the United States Live Stock Sanitary Commission.	67.55	Do.
Rawl, B. H.	Chief, Dairy Division.	Beltsville, Md. (July 1 and 26, 1910)...	To inspect work at bureau experimental farm.	.80	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in North Carolina, South Carolina, Georgia, Massachusetts, Maine, Vermont, and Connecticut. (Aug. 28-Sept. 24, 1910.)	To supervise and inspect work of Dairy Division.	206.56	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Beltsville, Md. (Sept. 26, 1910).....	To inspect work at bureau experimental farm.	.40	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in Iowa, Illinois, Minnesota, South Carolina, Georgia, Texas, Arkansas, and Tennessee. (Oct. 10-Nov. 13, 1910.)	To supervise and inspect work of the dairy Division.	352.77	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Points in Louisiana, Texas, California, Washington, Oregon, Utah, Colorado, and North Dakota. (Nov. 27, 1910-Jan. 11, 1911.)	.....do.....	685.71	Do.
Do.	do.	Points in South Carolina. (Feb. 1-15, 1911.)	.....do.....	35.80	Do.
Do.	do.	Beltsville, Md. (Feb. 16, 21, 28, 1911).	To inspect work at bureau experimental farm.	1.50	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in Virginia, Maryland, and Illinois. (Mar. 25-Apr. 18, 1911.)	To supervise and inspect work of Dairy Division.	93.99	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Beltsville, Md. (9 trips in April).....	To inspect work at bureau experimental farm.	4.82	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in Pennsylvania, Tennessee, and Virginia. (May 12-20, 1911.)	To supervise and inspect work of dairy division.	66.14	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Beltsville, Md. (8 trips in June, 1911)...	To supervise work at bureau experimental farm.	4.82	General expenses, B. A. I., 1911 (administrative expenses).
Riley, E. H.	Animal husbandman.	Columbus, O. (Jan. 31-Feb. 7, 1911).	To attend meeting of American Cattle Breeders' Association.	51.32	General expenses, B. A. I., 1911 (animal husbandry).
Rogers, L. A.	Senior dairyman.	Points in Iowa, Illinois, Wisconsin, Michigan, Pennsylvania, and New York. (July 1-Oct. 5, 1910.)	To make dairy products investigations.....	205.67	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	State College, Pa. (Feb. 22-23, 1911)...	To arrange for experimental work in manufacture of swiss cheese.	20.40	Do.
Do.	do.	Baltimore, Md. (Mar. 24, 1911).....	To obtain information concerning cans required for sacking butter.	1.50	Do.
Do.	do.	West Point, U. S. Military Academy. (Apr. 19-22, 1911.)	To confer with officials regarding the improvement of the milk supply at that institution.	31.32	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Rogers, L. A.	Senior dairyman	Troy, Pa. (May 16-17, 1911)	To arrange for experimental work in man- ufacture of swiss cheese.	\$19.12	General expenses, B. A. 1, 1911 (dairy industry)
Do.	do.	New York, N. Y. (May 21-23, 1911)	To attend meeting of a committee to consider milk standards.	21.22	Do.
Do.	do.	Troy, Pa. (June 1-8, 1911)	To arrange for experimental work in connec- tion with the manufacture of swiss cheese.	26.40	Do.
Do.	do.	Stockholm, Holland. (June 11-30, 1911)	To attend International Dairy Congress...	410.31	Do.
Rommel, G. M.	Chief, Animal Hus- bandry Division.	New York, N. Y. (July 17-18, 1910)	To give instructions concerning the impor- tation of animals for breeding purposes.	17.35	Cooperative experiments in animal feeding and breeding, 1911.
Do.	do.	Beltsville, Md. (July 21, 1910)	To inspect work at experimental farm.....	.70	General expenses, B. A. 1, 1911 (administrative expenses)
Do.	do.	Middlebury, Vt., and points in Colorado, Wyoming, and Iowa. (July 31-Sept. 2, 1910.)	To inspect cooperative breeding experi- ments conducted by the bureau.	185.34	Cooperative experiments in animal feeding and breeding, 1911.
Do.	do.	Points in Maine, and Middlebury, Vt. (Sept. 10-25, 1910.)	To examine sheep offered to the department and inspect the Morgan horse farm.	36.32	Do.
Do.	do.	New York, N. Y., Waterville, Me. (Nov. 13-20, 1910.)	To attend New York horse show and meet- ing Maine Live Stock Breeders' Associa- tion.	39.17	Do.
Do.	do.	Chicago, Ill. (Nov. 29-Dec. 4, 1910)	To attend meeting International Live Stock Exposition.	80.97	Do.
Do.	do.	Beltsville, Md. (Jan. 5-21, 1911)	To inspect work at experimental farm.....	1.25	General expenses B. A. 1, 1911 (administrative expenses)
Do.	do.	State College, Pa. (Feb. 16, 1911)	To deliver two lectures before students of Pennsylvania State College, and inspect breeding farm where mare from Govern- ment farm is being bred.	14.17	Cooperative experiments in animal feeding and breeding, 1911.
Do.	do.	Beltsville, Md. (Mar. 6, 11, and 23, 1911)	To inspect work at the experimental farm...	2.50	General expenses, B. A. 1, 1911 (administrative expenses)
Do.	do.	Middlebury, Vt. (Mar. 28-31, 1911)	To supervise shipment of two stallions to Seattle, Wash.	36.33	Cooperative experiments in animal feeding and breeding, 1911.
Do.	do.	Beltsville, Md. (Apr. 18, 22, 27, 28, and May 13, 1911.)	To inspect work at experimental farm.....	4.85	General expenses, B. A. 1, 1911 (administrative expenses)

Do.....	do.....	Middlebury, Vt. (Apr. 29-May 1, 1911.)	To confer with superintendent of farm concerning the work of the bureau.	35.58	Cooperative experiments in animal feeding and breeding, 1911.
Do.....	do.....	Points in Louisiana and Alabama. (May 3-May 11, 1911.)	To attend Louisiana Farm Lands Congress and deliver an address on live stock raising; also to observe progress of work conducted by the bureau.	101.10	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Beltsville, Md. (May 23, 24, and June 24, 1911.)	To inspect work at experimental farm.....	1.84	Do.
Do.....	do.....	Middlebury, Vt., and New York, N. Y. (June 28-30 1911.)	To inspect breeding investigations of the bureau.	21.33	Cooperative experiments in animal feeding and breeding, 1911.
Do.....	do.....	Chicago, Ill. (Oct. 15-19, 1910)	To attend annual meeting of American Meat Packers' Association and deliver address on the "Importance of bovine tuberculosis to public health."	1.85	General expenses, B. A. I., 1911 (animal husbandry).
Schroeder, E. C.....	Superintendent of experiment station.	New York, N. Y. (Dec. 1-4, 1910).....	To attend meeting of New York milk committee and deliver address on "Pasteurization of milk."	63.00	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	do.....	Springfield, Ill. (Feb. 5-10, 1911).....	To attend meeting of Illinois Live Stock Breeders' Association and deliver address on "Tuberculosis."	30.30	Do.
Do.....	do.....	Buffalo, N. Y. (Feb. 26-Mar. 1, 1911).....	To attend meeting of International Commission on the Control of Bovine Tuberculosis.	70.70	Do.
Do.....	do.....	Philadelphia, Pa. (May 23-25, 1911).....	To attend Philadelphia milk show and present paper on "Milk as a carrier of infection."	37.68	Meat inspection, B. A. I., 1911.
Do.....	do.....	Fawn Grove, Pa. (Aug. 10-11, 1910).....	To attend annual meeting of Norrisville Farmers' Club and deliver an address on "What the department is doing for the farmer."	20.90	General expenses, B. A. I., 1911 (diseases of animals).
Shaw, E. L.....	Senior animal husbandman.	Laramie and Cheyenne, Wyo., and Des Moines, Iowa. (Aug. 19-Sept. 1, 1910.)	To inspect sheep used in cooperative breeding experiments and attend Iowa State Fair.	11.25	General expenses, B. A. I., 1911 (animal husbandry).
Do.....	do.....	Columbus, Ohio. (Sept. 5-11, 1910).....	To attend Ohio State Fair.....	147.80	Cooperative experiments in animal feeding and breeding, 1911.
Do.....	do.....	Chicago, Ill. (Oct. 6-9, 1910).....	To confer with member of Tariff Board.....	53.80	Do.
Shaw, R. H.....	Dairyman.	Frederick, Md., and vicinity. (Feb. 27-Mar. 1, 1911.)	To study methods of manufacturing renovated butter.	47.35	General expenses, B. A. I., 1911 (dairy industry).
Shore, H. J.....	Scientific assistant.	Points in Iowa and Nebraska. (July 1-Oct. 1, 1910.)	To conduct experiments for the prevention of hog cholera.	10.21	General expenses, B. A. I., 1911 (diseases of animals).
Do.....	do.....	Laytonsville, Md. (Nov. 17, 1910).....	To deliver address before Farmers' Club of Goshen on "Hog cholera."	336.48	Do.
Do.....	do.....	Hayre de Grace, Md. (Dec. 2, 1910).....	Applying serum treatment to hogs affected with cholera.	.85	General expenses, B. A. I., 1911 (diseases of animals).
Do.....	do.....	Raleigh, N. C. (Jan. 8-19, 1911)	To demonstrate methods of preparing hog cholera serum to certain officials of the State of North Carolina.	6.51	Do.
Do.....	do.....			21.70	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Shore, H. J.	Scientific assistant.	Markham, Va., and vicinity. (Feb. 1, 1911.)	To investigate alleged outbreak of hog cholera.	\$6.50	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Bluemont, Va. (Apr. 3-4, 1911)	.....do.....	4.60	Do.
Do.	do.	Richmond, Va. (May 12-13, 1911).....	To conduct experiments in the application of anthog-cholera serum.	6.65	Do.
Do.	do.	Ames, Iowa. (June 17-30, 1911).....	.....do.....	66.54	Do.
Simpson, J. M.	Clerk.	Beltsville, Md. (July 11, 12, 13, 14, 16, 17, and 20, 1910.)	To assist in establishing experiment station.	3.85	General expenses, B. A. I., 1911 (administrative expenses)
Slocum, R. R.	Animal husbandman.	Hickory, N. C. (July 25-28, 1910).....	To investigate conditions and determine the practicability of a local creamery handling the egg supply of its patrons.	30.85	General expenses, B. A. I., 1911 (animal husbandry).
Do.	do.	Knoxville, Tenn. (Oct. 4-8, 1910).....	To attend poultry show and deliver lecture.	26.30	Do.
Do.	do.	Points in W. Va. (Nov. 1-5, 1910).....	To accompany the "better-farming train" run by the Baltimore & Ohio R. R.	14.18	Do.
Do.	do.	Morgantown, W. Va. (Dec. 20-22, 1910.)	To attend poultry shows and deliver addresses on subjects concerning the poultry industry.	25.45	Do.
Do.	do.	New York, N. Y. (Dec. 29, 1910-Jan. 1, 1911.)	To attend Madison Square Garden poultry show.	21.02	Do.
Do.	do.	Baltimore, Md. (Jan. 5, 1911).....	To attend meeting and show of Maryland Branch American Poultry Association and deliver lecture on poultry subjects.	3.55	Do.
Do.	do.	Lexington, Ky. (Jan. 18-21, 1911).....	To attend Kentucky State poultry show and deliver address on "Poultry raising on the farm."	44.70	Do.
Do.	do.	Beltsville, Md. (Jan. 27, 1911).....	To assist in work at experimental farm.	.40	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Columbia, S. C. (Jan. 31-Feb. 4, 1911).	To attend annual meeting South Carolina Live Stock Association and deliver address on "Raising poultry on the farm."	43.60	General expenses, B. A. I., 1911 (animal husbandry).
Do.	do.	Beltsville, Md. (Mar. 7, Apr. 13, 15, 17, 26, May 1, 8, 9, 15, 23, June 1 and 13, 1911.)	To conduct poultry experiments at experimental farm.	7.72	General expenses, B. A. I., 1911 (administrative expenses).
Swift, H. E.	Veterinary inspector.	Points in the vicinity of District of Columbia. (July 1, 1910, to June 30, 1911.)	To test cattle for tuberculosis.....	246.78	General expenses, B. A. I., 1911 (inspection and quarantine).

Smith, R. E., jr.	Clerk.	Albert Lea, Minn. (July 1-Oct. 17, 1910.)	To make dairy-products investigations.....	121.11	General expenses, B. A. I., 1921 (dairy industry).
Smith, W. H., jr.	Veterinary inspector.	New York, N. Y., and Philadelphia, Pa. (Jan. 8-11, 1911.)	To obtain information concerning a branding device.	35.85	Meat inspection, B. A. I., 1911.
Do.	do.	New York, N. Y., and Philadelphia, Pa. (May 10-15, 1911.)	To confer with bureau officials concerning interstate movement of meat and meat-food products.	49.07	Do.
Do.	do.	Omaha, Nebr., and Chicago, Ill. (June 10-19, 1911.)	To attend bureau's convention of veterinary inspectors on meat inspection and observe work of bureau at Chicago.	79.35	Do.
Snyder, C. E.	Animal husbandman.	Middletown, Va. (Feb. 11, 1911.)	To attend meeting of Farmers' Club and deliver lecture on "Feeding and care of lambs."	6.80	General expenses, B. A. I., 1911 (animal husbandry).
Do.	do.	Laramie, Wyo., and Fort Collins, Colo. Mar. 18-Apr. 1, 1911.)	To observe cooperative sheep and horse breeding experiments.	183.65	Cooperative experiments in animal feeding and breeding, 1911.
Do.	do.	Beltsville, Md. (Apr. 18, 22, 27, May 4, 13, 15, 23, and June 1, 1911.)	To assist in work at experimental farm.....	5.17	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Chicago, Ill.; Milwaukee, Wis; Laramie, Wyo.; and Fort Collins, Colo. (June 8-30, 1911.)	To confer with factories relative to use of lamb pelts for fur; observe progress of cooperative sheep and horse breeding experiments.	166.40	General expenses, B. A. I., 1911 (animal husbandry).
Stafford, R. J.	Veterinary inspector.	Points in North Dakota, Montana, and Nebraska. (Nov. 17-Dec. 25, 1910.)	To make investigations of glanders among horses.	321.78	General expenses, B. A. I., 1911 (diseases of animals).
Do.	do.	Wilsey, Va. (Apr. 3, 18, 25, May 3 and 13, 1911.)	To conduct experiments in feeding with cornstalk extract.	6.75	Do.
Steddom, R. P.	Chief, Inspection Division.	Nashville, Tenn. (Aug. 2-21, 1910)...	To investigate work of eradication of cattle ticks.	60.70	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	(Points in Texas, Oklahoma, California, Oregon, Wyoming, and Illinois. (Nov. 1-Dec. 10, 1910.)	To inspect conditions and work of bureau...	191.35	Meat inspection, B. A. I., 1911.
Do.	do.	(Cincinnati, Ohio; Fort Worth, Tex.; Kansas City, Kans.; and South Omaha, Nebr. (Dec. 20, 1910-Jan. 16, 1911.)	...do.	196.73	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Augusta, Me. (Feb. 6-10, 1911.)	To appear before senate committee of State legislature which was making inquiries into methods of Federal inspection, with a view to revising the State laws.	133.50	Do.
Do.	do.	Hartford, Conn.; points in Texas. (Mar. 14-28, 1911.)	To investigate conditions of the bureau's work.	61.84	Meat inspection, B. A. I., 1911.
Do.	do.	South Omaha, Nebr. (June 10-20, 1911.)	To attend bureau's convention on meat inspection.	53.30	Do.
Do.	do.	Beltsville, Md. (17 trips between July 21 and Sept. 23, 1910.)	To assist in establishing experimental farm..	168.55	General expenses, B. A. I., 1911 (administrative expenses).
Stuart, D.	Dairyman.			60.66	Meat inspection, B. A. I., 1911.
				7.80	General expenses, B. A. I., 1911 (administrative expenses).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation
Stuart, D.	Dairyman	Chicago, Ill. (Oct. 19-31, 1910).....	To assist in conducting bureau exhibit at national dairy show.	\$89.12	General expenses, B. A. I., 1911 (dairy industry). Do.
Do.	do.	Wiehle, Va. (Dec. 9, 1910).....	To render assistance in erection of dairy barn and installation of water system.	1.10	
Thompson, R. E. L.	Carpenter	Beltsville, Md. (July 1-Oct. 20, 1910).....	To make improvements and repairs at experimental farm.	36.80	General expenses, B. A. I., 1911 (administrative expenses).
Thompson, S. C.	Dairyman	Points in the New England States. (Aug. 23-Sept. 23, 1910.)	To inspect creameries and obtain information concerning the keeping of cream produced by the use of ice.	108.66	General expenses, B. A. I., 1911 (dairy industry). Do.
Do.	do.	Points in Oklahoma. (Oct. 2-17, 1910).	To accompany State officials on dairy train.	122.04	
Do.	do.	Points in State of Maine. (Nov. 16-24, 1910.)	To deliver addresses on the subject of manufacturing and handling of dairy products.	61.70	Do.
Do.	do.	Charlottesville, Va. (Dec. 12-13, 1910).	To make investigations relative to methods of operation of local creamery.	3.75	Do.
Do.	do.	Shenandoah Junction, W. Va. (Jan. 20, 1911.)	To attend farmers' institute meeting and take part in discussion, "Opportunities for establishing creameries."	3.90	Do.
Do.	do.	Points in New York. (Jan. 23-26, 1911.)	To deliver addresses on subject "Milk infection."	33.11	General expenses, B. A. I., 1911 (dairy industry). Do.
Do.	do.	Columbus, Ohio; La Crosse, Wis.; St. Paul, Minn.; Des Moines, Iowa; Kansas City, Mo.; and Chicago, Ill. (Jan. 31-Feb. 15, 1911.)	To attend dairy meetings; scoring butter; delivering addresses; assisting in organizing a creamery; and conferring with Dairy Division employees concerning bureau work.	151.16	
Do.	do.	Philopolis, Md. (Mar. 17, 1911.).....	To deliver address on "Care of milk on the farm."	4.14	Do.
Do.	do.	Sinks Grove, W. Va. (Mar. 19-24, 1911.)	To assist officials of the State agriculture department to conduct a short course in dairying, and deliver addresses on "Creamery butter making."	23.46	Do.
Do.	do.	Beltsville, Md. (Mar. 24, 1911.).....	To assist in work at experimental farm.....	.60	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Chicago, Ill., and points in State of Iowa. (Apr. 11-22, 1911.)	To confer with bureau employees in Chicago concerning work in that vicinity. Iowa, to obtain information concerning creamery work.	117.03	General expenses, B. A. I., 1911 (dairy industry).

Do.	Do.	Do.	20.72	To examine machinery installed in local creamery.	Do.
Do.	Do.	Do.	197.75	To observe conditions concerning creamery interests.	Do.
Wade, W. H.	Skilled laborer.	Do.	155.87	To test cattle for tuberculosis.	General expenses, B. A. I., 1911 (inspection and quarantine).
Ward, W. F.	Junior animal husbandman.	Do.	518.43	To make beef-production investigations.	General expenses, B. A. I., 1911 (animal husbandry).
Weld, I. C.	Dairyman.	Do.	59.70	To assist health officers to inaugurate score-card system of inspection.	General expenses, B. A. I., 1911 (dairy industry).
Do.	Do.	Do.	6.17	To prepare bureau property used at that point for shipment to Washington, D. C.	Do.
Do.	Do.	Do.	8.00	To confer with parties building dairy barn according to Dairy Division specifications.	Do.
Do.	Do.	Do.	59.70	To assist State commission of agriculture in certain work concerning the improvement of milk supply of several cities.	Do.
Do.	Do.	Do.	47.90	To deliver addresses on "Improvement of milk supply."	Do.
Do.	Do.	Do.	66.66	To assist local authorities to conduct a milk show; also deliver addresses on subjects pertaining to the improvement of milk supply.	Do.
Do.	Do.	Do.	2.50	To confer with parties erecting dairy barn according to Dairy Division specifications.	Do.
Do.	Do.	Do.	145.36	Pittsburgh, to deliver address on "Improvement of milk supply," Chicago, to assist in conducting bureau exhibit at national dairy show.	Do.
Do.	Do.	Do.	13.63	To observe conditions concerning milk supply, and deliver addresses on "Market milk."	Do.
Do.	Do.	Do.	4.25	To confer with parties erecting dairy barn according to Dairy Division specifications.	Do.
Wesley, C.	Messenger.	Do.	.60	To deliver supplies to experimental farm.	General expenses, B. A. I., 1911 (administrative expenses).
Whitaker, G. M.	Dairyman.	Do.	3.85	To confer with health officials concerning the progress of score-card system of inspection.	General expenses, B. A. I., 1911 (dairy industry).
Do.	Do.	Do.	6.41	To attend farmers' picnic to deliver address on "Dairying."	Do.
Do.	Do.	Do.	124.68	To make market milk investigations.	Do.
Do.	Do.	Do.	118.38	do.	Do.
Do.	Do.	Do.	59.61	do.	Do.
Troy, Pa. (May 23-25, 1911.)	Points in Missouri, Texas, and Oklahoma. (June 6-24, 1911.)	Points in vicinity of District of Columbia. (July 1, 1910, to June 30, 1911.)	Points in Oklahoma. (Jan. 28-June 30, 1911.)	Points in Wisconsin and Michigan. (July 6-16, 1910.)	Round Hill, Va. (July 21, 1910.)
Annapolis, Md. (Aug. 15 and 20, 1910.)	Points in State of New York. (Aug. 28-Sept. 3, 1910.)	Louisville, Ky. (Sept. 13-19, 1910.)	Detroit, Mich. (Sept. 20-29, 1910.)	Annapolis, Md. (Oct. 1, 1910.)	Pittsburgh, Pa., and Chicago, Ill. (Oct. 9-31, 1910.)
Points in New Hampshire, Vermont, and New York. (Nov. 16-19, 1910.)	Annapolis, Md. (Nov. 26, 1910.)	Beltsville, Md. (July 8, 1910.)	Baltimore, Md. (Aug. 3, 1910.)	Elkton, Md. (Aug. 10-11, 1910.)	Philadelphia, Pa.; New York, N. Y.; and Milwaukee, Wis. (Sept. 2-20, 1910.)
Cumberland Gap, Tenn., and Lincoln, Nebr. (Oct. 1-14, 1910.)	Points in Massachusetts, New York, Michigan, and New Orleans. (Nov. 3-Dec. 18, 1910.)				

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ANIMAL INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation
Whitaker, G. M.	Dairyman.	Points in Massachusetts. (Jan. 30-Feb. 3, 1911.)	To make market milk investigation.	\$47.52	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Beltsville, Md. (Feb. 6, 1911.)	To assist in work at experimental farm.	.70	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in New England States. (Feb. 13-15, 1911.)	To make market-milk investigations.	29.99	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Points in Massachusetts. (Mar. 1-6, 1911.)	do.	47.21	Do.
Do.	do.	Indianapolis, Ind., and Chicago, Ill. (Apr. 9-14, 1911.)	do.	82.57	Do.
Do.	do.	Cumberland Gap, Tenn.; Cincinnati, Ohio. (Apr. 29 to May 6, 1911.)	do.	62.80	Do.
Do.	do.	Philadelphia, Pa. (May 22-29, 1911.)	do.	40.50	Do.
Do.	do.	Philadelphia, Pa. (June 27-29, 1911.)	do.	16.89	Do.
White, B. D.	Senior dairyman.	Points in Iowa and Minnesota. (July 12-26, 1910.)	To make dairy-manufacturing investigations.	100.50	Do.
Do.	do.	Berkeley Springs, W. Va. (Aug. 18, 19, 1910.)	do.	2.35	Do.
Do.	do.	Points in Tennessee. (Sept. 18-20, 1910.)	do.	138.64	Do.
Do.	do.	Hagerstown, Md. (Oct. 11-12, 1910.)	do.	7.85	Do.
Do.	do.	Chicago and points in Texas. (Oct. 19-Nov. 11, 1910.)	do.	212.45	Do.
Do.	do.	Manassas, Va. (Dec. 12, 1910)	do.	1.40	Do.
Do.	do.	Beltsville, Md. (Jan. 5, 1911)	To assist in work at experimental farm.	.50	General expenses, B. A. I., 1911 (administrative expenses).
Do.	do.	Points in States of New York, Pennsylvania, and West Virginia. (Jan. 9-26, 1911.)	To make dairy manufacturing investigations.	113.82	General expenses, B. A. I., 1911 (dairy industry).
Do.	do.	Beltsville, Md. (Jan. 27, 1911)	To assist in work at experimental farm.	.55	General expenses, B. A. I., 1911 (administrative expenses).
Wooden, M.	Associate Chief Inspection Division.	Beltsville, Md. (July 1, 1910-Jan. 6, 1911.)	To act as superintendent of experimental farm.	96.65	Do.
Do.	do.	Pittsburgh, Pa., Wheeling, W. Va., points in Ohio, Kentucky, Indiana, Illinois, and Michigan. (May 18-June 8, 1911.)	To inspect establishments where Federal inspection is maintained.	169.55	Meat inspection, B. A. I., 1911.

Do.....	.....do.....	Points in Pennsylvania and New York. (June 21-30, 1911.)	.....do.....	79.97	Do.
Woodward, B. T.....	Veterinary inspector.....	Points in the vicinity of the District of Columbia. (July 1, 1910-June 30, 1911.)	To test cattle for tuberculosis.....	94.73	General expenses, B. A. I., 1911 (inspection and quarantine).
BUREAU OF PLANT INDUSTRY.					
Adams, James M. R.....	Laboratory aid.....	Ogden, Garland, Lehi, Saratoga, Salt Lake City, Utah. (July 1-Nov. 1, 1910.)	To investigate sugar-beet diseases and related problems.	\$165.95	General expenses, B. P. I., 1911 (sugar plant investigation).
Do.....	do.....	Ogden, Garland, Lehi, Saratoga, Salt Lake City, Utah. (Mar. 25-June 30, 1911.)	do.....	172.25	Do.
Allard, Harry A.....	Scientific assistant.....	Raleigh, Creedmoor, N. C. (July 8-12, 1910.)	To assist in selecting disease resistant types of tobacco for cooperative plant nutrition investigations.	29.50	General expenses, B. P. I., 1911 (bacteriology and nutrition).
Do.....	do.....	Gainesville, Thompson's Mill, Hosch-ton, Atlanta, Athens, Griffin, Ga.; Lamar, Timmons ville, S. C. (July 22-Aug. 20, 1910.)	To continue cooperative breeding demonstrations, and make observations on the relation of nutrition of cotton and soy beans to the oil content of the crops.	36.79	General expenses, B. P. I., 1911 (general plant breeding). (Bacteriology and nutrition).
Do.....	do.....	Thompson's Mills, Ga. (Oct. 1-20, 1910.)	To harvest experimental crops of cotton and soy beans, gather samples of oil-content selections, and secure data on the work.	10.40	General expenses, B. P. I., 1911 (general plant breeding).
Do.....	do.....	Chapel Hill, Greensboro, N. C.; Gainesville, Thompson's Mill, Ga. (Apr. 17-May 13, 1911.)	do.....	60.62	Do.
Allen, Edward R.....	do.....	Logan, Utah, and return. (Aug. 5-Sept. 12, 1910.)	To investigate bacteriological conditions of the dry and irrigated lands of the Cache Valley in cooperation with the Utah Experiment Station.	61.10	General expenses, B. P. I., 1911 (bacteriology and nutrition).
Alsberg, Carl L.....	Chemical biologist.....	New York City and Chicago, Ill. (Dec. 22, 1910-Jan. 6, 1911.)	To consult scientists at the Rockefeller Institute and Chicago University with the object of securing methods for detecting saponins in poisonous plants, and concerning precision thermostats to be used in the physiological investigations of plant tissues, and other problems.	83.75	General expenses, B. P. I., 1911 (drug and other plants).
Arnold, Jacob H.....	Scientific assistant.....	Chattanooga, Grandview, Crossville, Tenn.; Berea, Morgantown, Middleboro, Ky., and adjacent points. (July 6-Sept. 8, 1910.)	To inaugurate and inspect cooperative demonstration work, and investigate various farm management problems.	82.22	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Moundsville, Keyser, Huntington, Ronceverte, W. Va. (Sept. 28-Oct. 2, 1910.)	To attend farmers' meetings and deliver addresses on farm methods and practices adapted to that section; and investigate general problems in farm management and practice.	324.15	Do.
				47.40	

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation
Arnold, Jacob H.	Scientific assistant.	Covington, Somerset, Lexington, Louisiana, Falsburg, and Terra Alta, Ky. (Oct. 12-19, 1910.)	To work out farm plans for several farms where special problems in farm management are being studied with reference to general farming.	\$66.50	General expenses, B. P. I., 1911 (farm management).
Do.	do.	Johnson City, Flag Pond, Knoxville, and Cumberland Gap. (Nov. 27-Dec. 5, 1910.)	To investigate results and secure data on cooperative work on general farm management problems and inaugurate additional cooperation; and to investigate the management of cattle and sheep industries in West Virginia in cooperation with the Bureau of Animal Industry.	22.23	Do.
Do.	do.	Romney, Moorefield, Terra Alta, W. Va.; Berea, Pineville, Ky.; Cumberland Gap, Knoxville, Grandview, Crossville, Tenn.; and adjacent points. (Mar. 22-Apr. 21, 1911.)	To secure data concerning conditions and methods of management, and to investigate cooperative work in progress, and give instructions in the management of farms.	152.73	Do.
Do.	do.	Romney, Moorefield, W. Va., and vicinity. (May 9-13, 1911.)	do.	34.22	Do.
Do.	do.	Knoxville, Tenn., and vicinity. (May 17-20, 1911.)	To attend, in connection with farm-management work, the East Tennessee farmers' convention, visit university classes in agriculture, and the experiment-station farm.	49.15	Do.
Do.	do.	Romney, Moorefield, W. Va., and vicinity. (May 23-June 3, 1911.)	To study methods and practices in this section in connection with farm-management investigations.	41.40	Do.
Do.	do.	Romney, Moorefield, W. Va., and vicinity. (June 7-16, 1911.)	To secure data on different types of farming, and conduct general farm-management investigations.	48.96	Do.
Ball Carleton R.	Agronomist.	Amarillo, Dalhart, Chillicothe, Tex.; Hays, Kans.; Denver, Colo.; North Platte, Nebr.; Highmore, Huron, S. Dak.; Logan, Utah; Spokane, Pullman, Wash. (Aug. 3-Oct. 20, 1910.)	To study grain-producing sorghum varieties; their adaptation to different sections; general conditions and characteristics; methods of cultivating, and the commercial use of the grain for feeding and exporting, etc.; and to attend the Dry Farming Congress at Spokane and deliver an address on "Grain sorghums as dry-land crops."	536.91	General expenses, B. P. I., 1911 (grain investigations).

Do.....	do.....	Chicago, Ill.; Ames, Iowa; Amarillo, Tex.; Agricultural College, N. Mex.; Tucson, Yuma, Ariz.; Brawley, Los Angeles, San Francisco, Berkeley, Cal.; Reno, Fallon, Nev.; Logan, Nephi, Utah; and other points in States named. (June 5-30, 1911.)	To inspect the progress of the work in grain-sorghum investigations at the various experiment stations, and to study the possibilities of grain sorghum production under both dry-land and irrigated farming.	264.89	Do.
Ballard, W. S.....	Scientific assistant.....	Chicago, Ill.; Suismun City, Lodi, Watsonville, San Francisco, and other points in California. (July 1-Dec. 29, 1910.)	To carry on investigations of diseases of fruits and experiments in spraying and other methods of combating and controlling such diseases.	451.52	General expenses, B. P. I., 1911 (fruit diseases).
Do.....	do.....	Chicago, Ill.; Suismun City, Lodi, Watsonville, San Francisco, and other points in California. (Feb. 14-June 30, 1911.)	do.....	371.39	Do.
Barghausen, John F.....	Mechanician.....	Philadelphia, Pa., and return. (Aug. 3-5, 1910.)	To secure information concerning the manufacture of boxes and vacuum tubes for cotton standards.	11.80	General expenses, B. P. I., 1911 (cotton standardization).
Bartlett, H. H.....	Physiologist.....	Timmons ville, S. C., and return. (Sept. 27-Oct. 26, 1910.)	To study physiological problems connected with the experimental work in paprika culture.	30.40	General expenses, B. P. I., 1911 (drug and other plants).
Beattie, W. R.....	Assistant horticulturist.....	Norfolk, Va., and vicinity. (July 3-19, 1910.)	To continue the season's work with truck crop and peanut investigations, and assist in the establishment of experiments in the irrigation of certain truck crops.	53.20	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.....	do.....	Norfolk, Suffolk, Petersburg, Va.; Belhaven Swanquarter, Elizabeth City, N. C. (Aug. 5-13, 1910.)	To attend farmers' institutes and give addresses and instruction on the work of truck crop and peanut cultivation.	54.55	Do.
Do.....	do.....	Diamond Springs, Va. (Aug. 29-Sept. 5, 1910.)	To inspect truck crop and peanut work in progress at the experiment station.	28.65	Do.
Do.....	do.....	Vicksburg, Gloster, Ruston, Winfield, Miss.; Shreveport, La.; Little Rock, Ark.; St. Louis, Mo.; Indianapolis, Ind.; Pittsburgh, Pa. (Sept. 30-Oct. 7, 1910.)	To assist the growers of the South in proper methods of harvesting and curing peanuts; and to confer with oil manufacturers and refiners relative to the manufacture, refining, and marketing of peanut oil.	164.32	Do.
Do.....	do.....	Norfolk and vicinity, Va.; Edenton Hertford N. C. (Oct. 18-29, 1910.)	To continue truck crop and peanut investigations.	58.20	Do.
Do.....	do.....	Norfolk, Smithfield, Suffolk, Va. (Dec. 18-22, 1910.)	To inspect methods of handling peanuts in storage and factories.	23.85	Do.
Do.....	do.....	Columbus, Ohio and return. (Jan. 11-14, 1911.)	To attend joint meeting of the State Horticultural Society and Vegetable Growers' Association for conferences and to lecture on work being conducted by the department, and to arrange for further cooperative work in horticulture.	24.10	Do.
Do.....	do.....	Meridian, Winona, Miss.; Mobile, Ala.; New Orleans, Baton Rouge, Shreveport, La.; Pine Bluff, Little Rock, Fort Smith, Ark.; and other points in States named. (Feb. 1-Mar. 13, 1911.)	To address meetings of field agents of the farmers' cooperative demonstration work, and to instruct agents and demonstrators in the practical features of peanut growing.	310.80	General expenses, B. P. I., 1911 (farmers' cooperative demonstration work).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pende.	Appropriation.
Beattie, W. R.	Assistant horticulturist.	Vine and, N. J., and return. (Apr. 6-7, 1911.)	To arrange for cooperative work with sweet-potato growers.	\$14.19	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.	do.	Surfolk, Norfolk, Va., and vicinity. (Apr. 12-16, 1911.)	To continue investigations with peanuts and truck crops.	23.45	Do.
Do.	do.	Jackson, Canton, Crystal Springs, Magnolia, Vicksburg, Miss.; New Orleans, Monroe, Shreveport, Mansfield, Ruston, La.; Eldorado Garden, Prescott, Hope, Ark. (Apr. 27-May 15, 1911.)	To conduct peanut demonstration work in the boll-weevil section of the South, and address farmers' meetings on practical features of peanut cultivation.	176.41	Do.
Do.	do.	New York City. (June 7-9, 1911.)	To address meeting of the Interstate Cotton Seed Crushers' Association on the possibilities of the use of peanuts for oil production.	23.35	Do.
Do.	do.	Norfolk and vicinity, Va. (June 25-30, 1911.)	To continue work with peanuts and truck-crop investigations.	25.10	Do.
Beavers, J. C.	Scientific assistant	Caribou, Presque Isle, Monticello, Houlton, Ashland, Bangor, Augusta, Winthrop, Portland, Me.; Norristown, Pa. (July 1-26, 1910.)	To investigate farm practice and management in the use of fertilizers, manure, crop rotations, and soil management.	145.52	General expenses, B. P. I., 1911 (farm management).
Do.	do.	Raleigh, Mount Olive, Wilson, Elizabeth City, Gatesville, Winton, Rocky Mount, Washington, Goldsboro, Lagrange, Rowland, Pembroke, Maxton, Mooresville, Lincolnton, Shelby, Oxford, N. C. (Aug. 5-27, 1910.)	To confer with representatives of the office in the field, and organize farm-management work.	121.87	Do.
Do.	do.	Martinsburg, W. Va. (Sept. 7-10, 1910.)	To study farm practices in the use of fertilizers and manures.	10.66	Do.
Do.	do.	Greensboro, Durham, Aberdeen, Pembroke, Rowland, Fayetteville, Dunn, Coates, Wilson, Rocky Mount, Lagrange, Selma, N. C.; Roanoke, Va. (Sept. 29-Oct. 16, 1910.)	To inspect and assist with cooperative work in general farming in progress through that section.	97.16	Do.
Do.	do.	Rock Hill, S. C., and return. (Nov. 13-23, 1910.)	To study farm-management problems with reference to soils and fertilizers, and encourage the adoption of improved methods of handling same.	61.25	Do.
Do.	do.	Freehold, N. J., and return. (Jan. 9-10, 1911.)	.....do.....	19.30	Do.

Billings, Geo. A.....	Assistant agriculturist...	Carlisle, Philadelphia, Quakertown, Smithfield, Towanda, and other points in Pennsylvania. (July 7-30, 1910.)	To visit cooperative farms, outline working plans, secure data, etc., in connection with farm-management investigations.	89.08	Do.
Do.....	do.....	Vineland, Freehold, N. J.; Carlisle, Allentown, Easton, Pa., and other points in States named. (Aug. 7-21, 1910.)	do.....	56.15	Do.
Do.....	do.....	Harrisburg, Carlisle, Schellburg, Bedford, West Chester, York, and other points in Pennsylvania. (Sept. 7-Oct. 7, 1910.)	To investigate cropping systems and other problems in farm management and practice.	160.42	Do.
Do.....	do.....	Philadelphia, Quakertown, Pa.; Vineland, Bridgeton, Freehold, Palermo, Cape May City, N. J. (Nov. 3-Dec. 8, 1910.)	do.....	104.93	Do.
Do.....	do.....	Freehold, Plainsboro, Skillman, New Village, N. J.; Easton, Carlisle, Pa. (Jan. 9-18, 1911.)	do.....	35.60	Do.
Do.....	do.....	Woodstown, Plainsboro, Vineland, Browns Mills, Newark N. J. (Feb. 24-Mar. 3, 1911.)	To lecture on farm-management topics before farmers' institutes, and a meeting of colored farmers at Woodstown and establish demonstration work, and to visit farm cooperators.	49.89	Do.
Do.....	do.....	Bridgeton, Vineland, Trenton, N. J., and vicinity. (Mar. 7-9, 1911.)	To investigate cropping and feeding systems, visit cooperators, and establish new cooperative experiments.	22.53	Do.
Do.....	do.....	Plainsboro, Flemington, Vineland, Millville, N. J.; Easton, Sayre, Michigan, Kingsley, Pa. (Apr. 17-30, 1911.)	do.....	38.58	Do.
Do.....	do.....	Schellburg, Rays Cove, Harrisville, Carlisle, Harrisburg, Pa. (May 4-11, 1911.)	do.....	51.20	Do.
Do.....	do.....	Plainsboro, Moorestown, N. J.; Lancaster, Harrisburg, Ephrata, State College, Pa. (May 17-June 2, 1911.)	do.....	68.39	Do.
Do.....	do.....	New Brunswick, Trenton, Plainsboro, Skillman, N. J. (June 8-13, 1911.)	do.....	18.77	Do.
Do.....	do.....	Port Conway, Port Royal, Richmond, Va. (June 20-23, 1911.)	do.....	26.95	Do.
Bisset, Peter.....	Expert.....	Harrisburg, Pa. (Aug. 10-11, 1910)...	To deliver an address on "Foreign seed and plant introduction" before the convention of the Association of American Park Superintendents, for the purpose of creating more interest in this line of work.	11.35	Purchase and distribution of valuable seeds, 1911 (foreign seed and plant introduction).
Do.....	do.....	Jacksonville, Glen St. Mary, Brooksville, Tampa, Miami, Fla., and adjacent points. (Dec. 10-25, 1910.)	To inspect experiments with foreign plants carried on by the departmental gardens and by private cooperators, and arrange for further propagation and cooperation.	146.50	General expenses, B. P. L., 1911 (special seeds and plants).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Bisset, Peter	Expert.....	Clemson College, S. C.; Atlanta, Ga.; Auburn, Ala.; Jackson, Miss.; Baton Rouge, Crowley, New Orleans, La.; Pensacola, Fla. (June 2-30, 1911.)	To inspect experiments with foreign plants carried on by the departmental gardens and by private coöperators, and arrange for further propagation and cooperation.	\$205.70	Purchase and distribution of valuable seeds, 1911 (foreign seed and plant introduction).
Boerner, Emil G.....	Assistant.....	Chestertown, Md. (July 22-23, 1910.)	To assist in thrashing experimental wheat in connection with grain-standardization investigations.	7.85	General expenses, B. P. I., 1911 (grain standardization).
Do.....	do.....	Kansas City, Mo.; Manhattan, Kans.; Minneapolis, Minn.; Fargo, N. Dak. (Aug. 30-Oct. 25, 1910.)	To study condition of wheat being marketed, arrange for wheat-storage and transportation experiments, and inspect grain-standardization laboratories.	183.10	Do.
Do.....	do.....	Newport News, Va.; New Orleans, La.; Aalborg, Copenhagen, Denmark; Hamburg, Germany; Rotterdam, Netherlands; Belfast, Ireland; Southampton, England; New York, N. Y. (Dec. 21, 1910-May 8, 1911.)	To accompany shipment of corn for the purpose of making examinations en route and at destination to determine causes of deterioration while in holds of steamships in transit to European ports; and to examine special export shipments of American corn at time of discharge at different foreign ports.	683.56	Do.
Boyle, Henry H.....	do.....	Jacksonville, Glen St. Mary, Lake City, Fla.; Eatonton, Atlanta, Ga. (Sept. 29-Oct. 19, 1910.)	To assist with work of breeding hardy types of citrus fruits at experimental gardens.	71.22	General expenses, B. P. I., 1911 (crop physiology).
Brand, Chas. J.....	Physiologist.....	Portland, Cumberland Mills, Me. (July 1-Aug. 1, 1910.)	To continue work on paper-plant investigations.	126.61	General expenses, B. P. I., 1911 (paper-plant investigations).
Do.....	do.....	Boston, Lawrence, Mass.; Portland, Cumberland Mills, Me.; Woodstock, Vt.; Buffalo, N. Y.; Chicago, Bloomington, Ill.; Madison, Wis.; Minneapolis, St. Paul, Minn.; Memphis, Tenn.; Stuttgart, Ark.; New Orleans, Amesville, La.; Lexington, Ky. (Aug. 16-Sept. 16, 1910.)	To inspect machinery for conducting experiments in the evaporation of extracts from corn, broom corn, and rice straw, and visit experimental fields on which materials are being grown for investigations, and to consult with growers and manufacturers regarding the conservation and utilization of crop materials in paper making.	330.87	Do.
Do.....	do.....	Chicago, Ill. (Feb. 8-14, 1911.)	To carry on work in producing food extract from cornstalks.	86.47	Do.
Do.....	do.....	Chicago, Bloomington, Ill.; Detroit, Mich. (Feb. 19-Mar. 18, 1911.)	do.....	154.62	Do.
Briggs, Lyman J.....	Physicist.....	Hartford, Conn., and vicinity. (July 7-10, 1910.)	To investigate the development of the tobacco-root rot in relation to tobacco-fertilizer experiments.	38.56	General expenses, B. P. I., 1911 (physical investigation).

Do.....do.....	Akron, Denver, Colo; Salt Lake City, Nephi, Utah; Fallon, Nev.; San Francisco, Cal.; Klamath Falls, Moro, Oreg.; Spokane, Wash.; Hobson, Mont.; Amarillo, Dalhart, Tex.; Battle Creek, Mich. (July 16-Aug. 29, 1910.)	To investigate the relation of environmental factors to the development of fungus and other plant diseases, and the relation of such factors to crop production, and the modification of these factors so as to give maximum yields; and to test field apparatus for measuring the moisture of grain and for killing smut in seed grain.	463. 01	Do.
Do.....do.....	Dalhart, Tex.; Akron, Yuma, Colo.; Lincoln, Nebr. (Apr. 11-24, 1911.)	To install apparatus and inaugurate physical investigations in connection with dry-land agriculture.	121. 00	Do.
Do.....do.....	Philadelphia, Pa. (May 1, 1911.).....	To inspect apparatus in connection with electroculture.	11. 45	Do.
Brodie, C. E.....	Huntley, Mont. (Aug. 16-Dec. 10, 1910.)	To establish a system of reporting on labor, and preparing maps and field reports of the experiment farm, instruct the farm superintendent in methods of transacting fiscal business, etc.	180. 55	General expenses, B. P. I., 1911 (western agricultural extension).
Brodie, David A.....	Alexandria, Pinehurst, Shreveport, La., and adjacent points. (July 1-11, 1910.)	To confer with field men and inspect demonstration work in farm management.	81. 70	General expenses, B. P. I., 1911 (farm management).
Do.....do.....	College Station, Dallas, Tex.; Oklahoma City, Tulsa, Okla.; Monroe, La.; Newberry, S. C. (July 23-Aug. 11, 1910.)	To address farmers' meetings on farm management topics, visit cooperators, and introduce improved methods of farm practice and management.	201. 12	Do.
Do.....do.....	St. Louis, Mo.; Helena, Pine Bluff, Ark.; Shreveport, Ruston, Alexandria, Monroe, La.; Natchez, Greenville, Miss.; Montgomery, Ala., and other points in States named. (Sept. 21-Oct. 26, 1910.)	To confer with field representatives and investigate agricultural conditions and other problems in farm management and practice	274. 14	Do.
Do.....do.....	Ithaca, N. Y. (Jan. 31-Feb. 2, 1911.)	To confer with representatives of the Binghampton Chamber of Commerce, and Cornell University, and the Lackawanna R. R., with reference to the establishment of cooperative work in New York.	25. 48	Do.
Do.....do.....	Lincoln, Nebr.; St. Louis, Mo.; Louisville, Ky. (Feb. 21-28, 1911.)	To lecture before the Nebraska State Conservation Congress on the subject of "Farm management" by request of the president of the congress; confer with field representatives and cooperators, and carry on investigations in various phases of farm management.	99. 40	Do.
Brown, Edgar.....	Salem, N. J.; Mount Vernon, Dahlgren, Wayne City, Fairfield, Oney, Ill. (July 19-23, 1910.)	To make observations on the harvesting and curing of redtop seed in relation to its bearing on the work of seed authentication.	107. 58	General expenses, B. P. I., 1911 (seed-testing laboratory)
Do.....do.....	Richmond, Va. (Oct. 17-18, 1910).....	To consult with State officials and seed merchants concerning seed testing.	11. 90	Do.
Do.....do.....	Lansing, Mich.; Madison, Wis.; Minneapolis, Minn.; Lincoln, Nebr.; Manhattan, Kans.; Columbia, Mo.; La Fayette, Ind. (Dec. 12-22, 1910.)	To visit cooperative seed-testing laboratories; confer with seedsmen and State agricultural experiment station officials relative to the condition of the seed trade, etc.	119. 07	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Brown, Edgar.....	Botanist in charge of seed laboratory.	Lincoln, Nebr.; Spokane, Wash.; Cor- vallis, Ind.; Columbia, Mo.; La Fayette, Ind. (Mar. 3-17, 1911.)	To consult collaborators and others in regard to seed testing as authorized by law.	\$227.95	General expenses, B. P. I., 1911 (seed-testing laboratory).
Brown, Ernest B.....	Assistant physiologist.	Sherman, McKinney, Waco, San An- tonio, Brownsville, Beaumont, and other points in Texas; Raceland, Opelousas, New Orleans, La.; Yazoo City, Greenville, Miss. (Aug. 12- Sept. 29, 1910.)	To continue experiments and demonstra- tions in the production of higher yielding strains of corn by methods of breeding, seed selection and preservation, culture, crop rotation, and the use of cover crops in connection with corn culture.	203.30	General expenses, B. P. I., 1911 (grain investi- gations).
Do.....	do.....	Monroe, La.; Waco, San Antonio, Cor- sicana, Marshall, and other points in Texas. (Feb. 12-Apr. 5, 1911.)	To attend to the preparation of seed and planting experimental plats of corn.	212.85	Do.
Do.....	do.....	Waco, Corsicana, Marshall, McKinney, Amarillo, San Antonio, Tex.; Crow- ley, Lockport, Baton Rouge, Ope- lousas, La., and other points in these States. (May 27-June 30, 1911.)	To investigate corn-growing conditions, es- pecially among farmers to whom the de- partment has distributed seed of improved strains, and to inaugurate new cooperative work, to supervise detasseling of stalks, and other details in experimental breeding plats of corn.	228.86	Do.
Burket, Frances.....	Aid.....	Raleigh, N. C. (Aug. 29, 1910-June 16, 1911.)	To take charge of the cooperative seed-test- ing laboratory.	52.97	General expenses, B. P. I., 1911 (seed-testing lab- oratory).
Bunting, J. D.....	Assistant.....	Bloomington, Ill., and vicinity. (Sept. 1-Oct. 5, 1910.)	To take notes on corn experiments that are being conducted in connection with paper- plant investigations, to supervise the har- vesting, weighing, baling, and shredding of material, and extraction of matter having value for feeding animals.	120.84	General expenses, B. P. I., 1911 (paper-plant in- vestigations.)
Do.....	do.....	Bloomington, Ill., and vicinity. (Nov. 8-Dec. 15, 1910.)	do.....	107.00	Do.
Burritt, Maurice C.....	Scientific assistant.....	Ithaca, Rochester, and points through- out New York. (July 1-Sept. 16, 1910.)	To investigate farm practices, inaugurate demonstration work, and assist farmers in the adoption of more improved systems of management.	293.67	General expenses B. P. I., 1911 (farm manage- ment).
Do.....	do.....	Martinsburg, W. Va.; Winchester, Charlottesville, Va.; Fort Valley, Ga.; Monticello, Orlando, Fla.; Asheville, N. C.; Canton, New London, Ohio; and other points in States named. (Sept. 20-Oct. 17, 1910.)	do.....	210.14	Do.

Do.....	do.....	Ithaca and points throughout New York. (Oct. 17-Nov. 22, 1910.)	137. 70	Do.
Do.....	do.....	Ithaca and points throughout New York. (Nov. 29, 1910-Mar. 4, 1911.)	62. 50	Do.
Do.....	do.....	Ithaca and points throughout New York. (Apr. 4-June 30, 1911.)	352. 36	Do.
Butterfield, E. C.....	Superintendent.	Stockton, Los Angeles, Lodi, San Francisco, Berkeley, San Jose, Santa Barbara, Ventura, Whittier, Pasadena, Compton, Santa Ana, Riverside, Cal.; Salt Lake City, Utah; Denver, Colo.; Manhattan, Kans. (Nov. 29, 1910-Jan. 19, 1911.)	353. 48	General expenses, B. P. I., 1911 (cotton and truck diseases).
Carleton, Mark A.....	Cerealist in charge of grain investigations.	Amarillo, Dalhart, Tex.; Rapid City, S. Dak.; Cheyenne, Wyo.; Akron, Colo.; Logan, Nephi, Salt Lake City, Utah; Nara, Visa, N. Mex.; Manhattan, Kans. (July 12-Aug. 6, 1910.)	298. 70	General expenses, B. P. I., 1911 (grain investigations).
Do.....	do.....	Chestertown, Md. (Aug. 18-19, 1910.)	8. 55	Do.
Do.....	do.....	Chicago, Ill. (Oct. 10-13, 1910.).....	56. 05	Do.
Do.....	do.....	Miami, Fort Lauderdale, Goulds, Gainesville, Jacksonville, Fla. (Oct. 31-Nov. 14, 1910.)	110. 70	Do.
Do.....	do.....	Manhattan, McPherson, Garden City, Dodge City, Kans.; Dalhart, Amarillo, Tex.; Oklahoma City, Sapulpa, Okla. (Dec. 17-31, 1910.)	149. 79	Do.
Do.....	do.....	Sanford, Fort Myers, St. Augustine, Jacksonville, and other points in Florida; Chicago, Ill.; Columbus, Ohio. (Jan. 14-Feb. 12, 1911.)	207. 31	Do.

To complete experiments on potatoes and potato diseases, make records on truck crops, inspect cooperative experiments, interview cooperators and others on various phases of horticultural work.

To confer with farmers, grain dealers, and millers in regard to grain production and improvement; to arrange for future cooperative work and inspect work in progress at experimental farms.

To discuss with farmers and obtain information concerning the varieties of wheat best adapted to that vicinity, best methods of cultivation, seed selection, etc.; to confer with millers and bakers and others with reference to the handling of durum wheat flour and the commercial uses of wheat.

To confer with the Council of North American Grain Exchanges, and give suggestions for improving seed wheat and other grains; and discuss with dealers and millers the uses and exportation of cereals introduced by the department.

To investigate conditions for growing small grains, and for rice culture; confer with farmers and arrange future cooperative work and inspect experiments in progress.

To inspect work on dry-land experimental farms, also condition of other cooperative experiments with grains, arrange future cooperative work, and make observations on winter condition of the small-grain crops.

To investigate possibility of rice growing in southern Florida; inspect conditions for growing small grains in the Southern States; confer with experiment station officials and farmers relative to future experiments and trials of small grains; confer with dealers and others relative to production, and commercial handling of grain crops.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Carleton, Mark A	Cerealist in charge of grain investigations.	Manhattan, Hays, Larned, Kans.; Las Vegas, Nara Visa, N. Mex.; Dalt, Amarillo, Tex.; Oklahoma City, Okla.; Crowley, La.; Starkville, Miss.; Auburn, Ala.; Jackson ville, Goulds, Miami, Fla.; Charleston, Columbia, S. C. (May 16-June 15, 1911.)	To inspect conditions and possibilities of rice and small-grain production; arrange for future cooperative experiments, and note results on experimental farms already in operation.	\$276.06	General expenses, B. P. I., 1911 (grain investigations).
Carpenter, Alma L.....	Scientific assistant.....	Columbia, Mo. (Sept. 30, 1910-June 14, 1911.)	To take charge of the seed-testing laboratory.	100.35	General expenses, B. P. I., 1911 (seed-testing laboratory).
Oates, Junius S.....	Assistant agriculturist.....	Graham, Mebane, Raleigh, Wadesboro, Rockingham, Keyser, N. C.; Bennettsville, Sumter, Columbia, Spartanburg, Clemson College, S. C. (Aug. 17-Sept. 1, 1910.)	To investigate tillage problems, weed eradication, and other phases of farming.	82.35	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Beverly, Mass.; Auburn, Me. (Oct. 5-9, 1910.)	.....do.....	51.90	Do.
Do.....	do.....	Graham, N. C., and vicinity. (Oct. 29-Nov. 1, 1910.)	.....do.....	23.65	Do.
Do.....	do.....	Raleigh, Wilson, Rocky Mount, N. C. (Mar. 28-Apr. 15, 1911.)	.....do.....	93.95	Do.
Do.....	do.....	Graham, Greensboro, Hickory, Raleigh, and other points in North Carolina. (Apr. 28-May 31, 1911.)	To study systems of farm management, inspect cooperative work, and continue investigations of methods of tillage, and extermination of weeds.	166.70	Do.
Chambers, W. E.....	Expert.....	Memphis, Tenn. (July 9-21, 1910.)...	To secure cotton for use in preparing official cotton grades.	109.20	General expenses, B. P. I., 1911 (cotton standardization).
Chambliss, Charles E.....	Expert in charge of rice investigations.	Lake Charles, Crowley, La.; Beaumont, Nome, Tex.; Tallahassee, Jacksonville, Miami and vicinity, Fla.; Charleston, Jacksonboro S. C.; Stuttgart, Lonoke, Ark.; Oklahoma City, Pauls Valley, Okla.; Manhattan, Hays, Kans.; Ohio, Red Bluff, Biggs, Willows, Stockton, Cal. (July 2-Sept. 13, 1910.)	To study and conduct experimental work on the control of the "rotten neck" disease of rice; visit cooperators, private planters, and others interested in the introduction and improvement of rice crops; study experimental plantings of nonirrigated rice, etc.	520.95	General expenses, B. P. I., 1911 (grain investigations).

Do.....do.....	Miami, Fort Lauderdale, Goulds, Fort Myers, St. Petersburg, Gainesville, Fla.; Jacksonboro, S. C. (Oct. 31-Nov. 14, 1910.)	To inspect and harvest experimental plantings of rice, visit cooperators, and confer with growers who are seeking information on the improvement of the rice crop.	140.22	Do.
Do.....do.....	Beaumont, Tex.; Phoenix, Ariz.; Chico, Los Angeles, Stockton, San Francisco, Cal.; Crowley, New Orleans, La.; Fort Myers, Tampa, Jacksonville, Miami, Fla., and other points in States named. (Mar. 10-May 6, 1911.)	To arrange experimental work with rice, and visit cooperators and others interested in the introduction and improvement of the rice crop.	513.30	Do.
Chilcote, Ellery C.....	Moro, Oreg.; North Platte, Mitchell, Nebr.; Bellefourche, S. Dak.; Hobson, Huntley, Mont.; Dickinson, Williston, Fargo, Edgeley, N. Dak.; Minneapolis, Minn. (July 1-30, 1910.)	To inspect work of irrigation and dry-land agriculture in progress at the various sub-stations of the bureau, and to arrange for further cooperative work.	273.45	General expenses, B. P. I., 1911 (dry-land agriculture).
Do.....do.....	Dalhart, Tex.; Manhattan, Kans. (Aug. 20-29, 1910.)	To consult officials of the department and of the various State experiment stations concerning the cooperative experiments being conducted in the semiarid regions, and inspect experimental work in dry-land cultivation.	134.65	Do.
Do.....do.....	Dalhart, Amarillo, Tex. (Apr. 15-25, 1911.)	To inspect work in progress and arrange further work in dry-land agriculture.	131.75	Do.
Clark, Chas. F.....	Florence, Lamar, Remberts, Dalzell, Barnwell, Monetta, Simpsonville, S. C. (Oct. 5-28, 1910.)	To conduct experiments in breeding wilt-resistant cotton.	126.89	General expenses, B. P. I., 1911 (cotton and truck diseases).
Do.....do.....	Headland, Abbeville, Ala.; Lamar, S. C. (Nov. 9-20, 1910.)	To complete experiments in breeding wilt-resistant cotton.	69.29	Do.
Do.....do.....	Ithaca, N. Y.; Dundee, Mich.; Garden City, Kans.; Swink, Holly, Colo. (Apr. 1-June 30, 1911.)	To put up experimental beet seed for shipment, carry on field experiments with sugar beets, and to confer with experiment station officials.	100.64	General expenses, B. P. I., 1911 (sugar-plant investigations).
Cobb, N. A.....	Boston, New Bedford, Mass.; Portsmouth, N. H.; Providence, R. I. (Sept. 14-21, 1910.)	To confer with cotton dealers, cotton exchanges, and others interested in the standardization of cotton.	58.55	General expenses, B. P. I., 1911 (cotton standardization).
Cook, O. F.....	Jerusalem, Jaffa, Palestine, Cairo, Gizeh, Tanta, Zagazig, Monsurah, Fayoum, Benisouef, Assuit, and other points in Egypt and Syria. (July 1-Aug. 6, 1910.)	To investigate and secure varieties of Egyptian and other varieties of cotton, wild wheat, and other crop plants with a view to the possibility of their acclimatization and adaptation in the United States.	249.60	Purchase and distribution of valuable seeds, 1911 (foreign seed and plant introduction).
Do.....do.....	Stockton, Kans.; Denison, Waco, San Antonio, Tex.; Sacaton, Ariz.; Bard, Glendale, Red Bluff, Chico, Davis, Stockton, San Francisco, Visalia, Bakersfield, Cal. (Sept. 12-Nov. 3, 1910.)	To confer with cooperators, investigate the long-staple cotton situation, and study the condition and results of the experiments being conducted in the acclimatization, breeding, and local adjustment of cotton varieties.	367.40	General expenses, B. P. I., 1911 (crop acclimatization).
Do.....do.....	Waco, Victoria, San Antonio, Tex.; Yuma, Sacaton, Ariz.; Bard, Los Angeles, Glendale, El Centro and other points in California. (Apr. 4-June 2, 1911.)	To inspect field experiments in the acclimatization and adaptation of cotton and corn, locate and arrange for additional experiments in connection with crop acclimatization.	273.48	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Corbett, Lee C.	Horticulturist in charge of Arlington farm and horticulture.	Ames, Iowa; Chicago, Ill.; Lyons, Watkins, Rochester, N. Y. (July 8-Aug. 17, 1910.)	To inspect greenhouse and market garden conditions, and the experimental work in progress with cabbage and beans; and to disseminate information regarding horticultural work of the department through addresses before agricultural investigators and horticultural societies.	\$95.41	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.	do.	Norfolk, Va., and vicinity. (Oct. 25-27, 1910.)	To inspect the cooperative truck work in that section.	12.15	Do.
Do.	do.	Ithaca, Rochester, Honesoye Falls, N. Y. (Feb. 20-25, 1911.)	To study winter forcing of vegetables and arrange for further experiments with potatoes.	41.21	Do.
Do.	do.	Houlton, Me., and vicinity. (Apr. 2-7, 1911.)	To confer with growers and handlers of potatoes and study general conditions of the potato industry.	59.95	Do.
Do.	do.	Brooklyn, N. Y., and vicinity. (Apr. 24-25, 1911.)	To study growing of vegetables under glass, and investigate horticultural features of landscape gardening.	15.74	Do.
Do.	do.	Konnarock, Abingdon, Va. (May 19, 1911.)	To investigate horticultural conditions in that region.	15.30	Do.
Do.	do.	Columbia, Rock Hill, S. C. (June 8-10, 1911.)	To confer with officials regarding plans for landscape gardening work at the State Hospital for the Insane, and at Winthrop College.	31.75	Do.
Cotton, John S.	Assistant agriculturist.	Burnt Hills, N. Y., and vicinity; Alturas and adjacent points in California; Ellensburg, Wash. (July 1-Sept. 10, 1910.)	To investigate the improvement of mountain meadows and pastures, and systems of farm management in the production of food for sheep, beef-cattle, and horses.	389.42	General expenses, B. P. I., 1911 (farm management).
Do.	do.	Kennebunk, Biddeford, Canton, Augusta, Me.; Boston, Mass.; White River Junction, Chelsea, Vt.; South Norwalk, Conn.; Binghamton, N. Y. (Oct. 10-21, 1910.)	To investigate systems of farm management and practice in sheep raising, and collect data on the results of a pasture experiment.	97.18	Do.
Do.	do.	Draper, Columbia, Manning, S. C.; Raleigh, Mebane, N. C.; Cordele, Douglas, Brockton, Ga.; Kissimmee, De Funiak Springs, Fla. (Nov. 1-20, 1911.)	To investigate methods of handling pastures and farm management and practice in sheep raising.	171.91	Do.

Do.....	Northampton, Mass.; Portland, Fairfield, Auburn, Me. (Dec. 5-14, 1910.)	To investigate problems in the management of sheep; to address the State Board of Agriculture, Massachusetts, on the subject of "New England pastures," and lecture on sheep raising before farmers' institutes in Maine.	47.98	Do.
Do.....	Burlington Vt. (Jan. 11-14, 1911.)	To address Vermont State Dairymen's Association on farm management topics, and to investigate various phases of farm management problems in that section.	37.78	Do.
Do.....	Plainsboro, N. J., and vicinity. (May 17-21, 1911.)	To investigate forage crops for livestock and other farm management problems in grazing.	17.19	Do.
Coville, Frederick V.....	Greenfield, N. H.; Boston, Mass.; Kingston, R. I.; New Lisbon, N. J. (Feb. 28-Mar. 5, 1911.)	To examine field plantings of the blueberry, secure additional stock for propagation, and make arrangements for additional plantings.	46.19	General expenses, B. P. I., 1911 (taxonomic and range investigations).
Do.....	Philadelphia, Pa.; New Lisbon, N. J. (Apr. 20-23, 1911.)	To deliver a lecture on "The blueberry and its relation to acid soils" before the American Philosophical Society; to inspect cooperative plantings of blueberries, make observations on the wild blueberry, and collect data and materials for study and experimentation.	17.32	Do.
Do.....	Saguache, Carnero, Colo. (May 29-June 10, 1911.)	To study grazing problems, and make observations on the coyote-proof lambing inclosures that are now in operation in the Cochetopa National Forest.	163.05	Do.
Cox, Herbert R.....	Canton, Alliance, Ohio; Lansing, Bay City, Yassar, Grand Rapids, Mich.; Milwaukee, Waukesha, Wis.; Chicago, Ill. (July 23-Sept. 12, 1910.)	To investigate the life history and methods of eradication of quack grass and Canada thistle.	112.57	General expenses, B. P. I., 1911 (farm management).
Do.....	Martinsburg, W. Va.; Winchester, Crozer, Staunton, Va.; Greensboro, N. C.; Marietta, Rome, Fort Valley, Ga.; Monticello, Sanford, Orlando, Fla.; and other points in States named. (Sept. 20-Oct. 16, 1910.)	To investigate various problems in farm management and practice, especially fertility of soil and the control and eradication of weeds.	171.93	Do.
Do.....	Alliance, Canton, Wooster, Marion, and other points in Ohio. (Apr. 7-29, 1911.)	To visit cooperators in weed and tillage work, and study methods of eradication of Canada thistle and quack grass.	93.10	Do.
Cox, John H.....	Bremerhaven, Hamburg, Bremen, Germany; Dunkirk, France; Aalborg, Copenhagen, Denmark. (Feb. 22-May 8, 1911.)	To accompany shipment of corn and investigate the carrying qualities of different grades by examinations and moisture tests en route and at destination to determine causes of deterioration in holds of steamships while in transit to European ports.	430.99	General expenses, B. P. I., 1911 (grain standardization).
Crawford, Gilbert H., jr....	Lodi, Roseville, New Castle, Cal. (Oct. 1-Nov. 30, 1910.)	To assist with the precooling experiments in connection with the fruit transportation and storage investigations.	261.55	General expenses, B. P. I., 1911 (pomological investigations).
Do.....	Puyallup, Wash. (June 1-30, 1911)	do.....	134.14	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Cron, Alexander B.	Scientific assistant.	Princeton, Jasper, La Fayette, Fort Wayne, Auburn, Angola, Lagrange, Columbia, Ind.; Mercer, Pa. (July 12-30, 1910.)	To take notes on tests of alfalfa, and arrange further cooperative experiments.	\$170.89	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.	do.	York, Lancaster, Pa.; Dover, Milford, Seaford, Laurel, Del. (Aug. 6-Sept. 1, 1910.)	do.	148.10	Do.
Do.	do.	Port Conway, Petersburg, Emporia, Portsmouth, Va.; Washington, Rocky Mount, N. C. (Sept. 6-Oct. 11, 1910.)	To test alfalfas under different fertilizers, and establish new experiment fields.	183.30	Do.
Do.	do.	Port Conway, Petersburg, Emporia, Portsmouth, Va.; Washington, Rocky Mount, N. C. (Nov. 17-23, 1910.)	do.	49.80	Do.
Do.	do.	Port Conway, Petersburg, Emporia, Portsmouth, Va.; Washington, Rocky Mount, N. C. (Apr. 3-13, 1911.)	do.	53.15	Do.
Do.	do.	York, Lancaster, Pa.; Dover, Laurel, Del. (Apr. 24-28, 1911.)	do.	33.87	Do.
Do.	do.	Washington, Rocky Mount, N. C.; Emporia, Petersburg, Fredericksburg, Va. (May 8-26, 1911.)	do.	121.96	Do.
Do.	do.	Dover, Laurel, Del. (May 31-June 2, 1911.)	do.	17.24	Do.
Do.	do.	York, Lancaster, Mercer, Pa.; Morristown, N. J.; Dover, Milford, Del. (June 5-30, 1911.)	do.	149.07	Do.
Crosby, Matt A.	Assistant Agriculturist.	Uniontown, Ala.; Macon, Miss.; New Orleans, La.; College Station, Tex.; Oklahoma City, Okla.; Jackson, Tenn.; and points throughout States named. (July 11-Dec. 10, 1910.)	To investigate systems of demonstration farms, confer with cooperators and study cropping systems and methods of management.	708.31	General expenses, B. P. I., 1911 (Farm management).
Do.	do.	Uniontown, Ala.; Macon, Miss.; New Orleans, La.; College Station, Tex.; Oklahoma City, Okla.; Jackson, Tenn.; and points throughout States named. (Mar. 13-June 30, 1911.)	do.	359.06	Do.

Dearing, Charles.....	Scientific assistant.....	Vineland, N. J. (Aug. 29-30, 1910).....	To assist with the department viticultural investigations.....	12.23	General expenses, B. P. I., 1911 (pomological investigations). Do.
Do.....	do.....	Willard, Enfield, Rocky Mount, N. C.; Darlington, S. C.; Experiment, Jessup, Ga.; Glen St. Mary, Lake City, Fla., and other points in States named, (Aug. 31-Oct. 21, 1910.)	To study the rotundifolia grape industry, including both wild and cultivated vines, and record data on results of cooperative experimental tests.	319.78	
Do.....	do.....	Willard, Rocky Mount, N. C.; New Smyrna, Fla. (Nov. 16-23, 1910.)	To conduct pruning and propagating experiments in connection with the rotundifolia grape investigations. do.....	90.35	Do.
Do.....	do.....	Willard, N. C. (Jan. 11-21, 1911.)	To assist with the pruning and training experiments of vines in the cooperative experiment vineyard.	38.08	Do.
Do.....	do.....	Vineland, N. J. (Feb. 5-28, 1911.)	To supervise replanting, propagating, and spraying work in connection with the viticultural investigations.	61.86	Do.
Do.....	do.....	Willard, Enfield, Rocky Mount, N. C. (Apr. 14-22, 1911.)	To inspect the cooperative experimental work, make field observations, and pruning experiments on rotundifolia grapes.	35.38	Do.
Do.....	do.....	Willard, Wilmington, N. C.; Maxeys, Ga.; Ocala, New Smyrna, Orlando, Fla.; Norfolk, Va. (May 9-June 30, 1911.)	To conduct experiments in fruit cooling, storing, and shipping.	211.71	Do.
Dennis, Samuel J.....	Expert.....	Fort Valley, Ga. (July 1-Aug. 2, 1910.)	To conduct experiments in fruit cooling, storing, and shipping. do.....	79.37	General expenses, B. P. I., 1911 (pomological investigations). Do.
Do.....	do.....	Lodi, Stockton, San Francisco, Riverside, Los Angeles, and other points in California. (Sept. 8-Nov. 30, 1910.)	do.....	402.49	
Do.....	do.....	Portland, Salem, Oreg. (May 21-31, 1911.)	do.....	196.35	Do.
Derr, Harry B.....	Agronomist.....	Ames, Iowa; Columbia, Mo.; Fayetteville, Ark.; Stillwater, Okla.; Arkansas City, Manhattan, Kans. (July 18-31, 1910.)	To visit cooperators and farmers and outline plans for new experiments, and secure information relative to the production of barley.	146.77	General expenses, B. P. I., 1911 (grain investigations). Do.
Do.....	do.....	Raleigh, Durham, N. C.; Clemson College, S. C.; Atlanta, Athens, Griffin, Experiment, Ga.; Auburn, Tuskegee, Ala.; Knoxville, Tenn. (May 15-29, 1911.)	To investigate the conditions and arrange for cooperative experimental work with barley and other cereals.	106.10	
Dewey, Lyster H.....	Botanist in charge of fiber investigations.	Lexington, Ky.; Ames, Belle Plaine, Hartwick, Fort Dodge, Iowa; Blue Mounds, Wis.; Galena, Chicago, Ill. (Sept. 1-11, 1910.)	To inspect cooperative experiments and secure information regarding improved methods of handling the hemp crop, superintend harvesting experimental crops, and note effect of fertilization on peaty soils.	110.86	General expenses, B. P. I., 1911 (crop technology). Do.
Do.....	do.....	New York City. (Nov. 20-22, 1910.)	To attend a hearing and give testimony before the Board of General Appraisers regarding the identity of certain pieces of cotton-bale covering.	20.60	
Do.....	do.....	Waupun, Wis. (Mar. 11-20, 1911.)	To superintend breaking of hemp.	46.35	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Dillman, Arthur C.....	Assistant physiologist.....	Bellefourche, Newell, S. Dak.; Akron, Yuma, Colo.; Dahart, Amarillo, Tex. (July 1–Nov 14, 1910.)	To carry on work in breeding drought-resistant crop plants, and testing and breeding alkali-resistant plants in the arid and semiarid regions.	\$223.71	General expenses, B. P. I., 1911 (alkali and drought-resistant plants).
Dodge, Lawrence G.....	Assistant agriculturist.....	Beverly, Mass.; Binghamton, Durham, N. H.; Portland, Me.; Springfield, Vt.; and other points in New York and the New England States. (July 1, 1910–Jan. 3, 1911.)	To investigate the best systems of farm practice and management, instruct farmers, and inaugurate demonstration work in the most approved methods of farm management.	486.31	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Beverly, Mass.; Binghamton, Durham, N. H.; Portland, Me.; Springfield, Vt.; and other points in New York and the New England States. (Mar. 7–June 30, 1911.)	do.....	236.10	Do.
Dorsett, P. H.....	Expert.....	Chico, San Francisco, Berkeley, Fresno, Los Angeles, Santa Ana, Cal.; San Antonio, Brownsville, Houston, Tex.; Brooksville, Miami, Fla. (July 1–Sept. 16, 1910.)	To investigate conditions and secure information relative to the propagation and testing of newly introduced seeds and plants from foreign countries, and their possible commercial value in this country.	400.78	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	do.....	Columbia, Kansas, Mo.; Phoenix, Ariz.; Los Angeles, Chico, Fresno, Marysville, Napa, San Francisco, Sacramento, Cal.; Portland, Oreg.; Seattle, Bellingham, Wash.; Ames, Iowa; Chicago, Ill. (Feb. 25–Apr. 28, 1911.)	do.....	364.44	Do.
Downes, Maurice A.....	Assistant.....	Yuma, Sacaton, Ariz., and vicinity. (Aug. 23–Oct. 12, 1910.)	To assist with the culture of Egyptian cotton and other work on experimental farms.	281.16	General expenses, B. P. I., 1911 (crop physiology).
Drake, J. Allen.....	Assistant agriculturist.....	Payne, Hamilton, Edgerton, Farmer, Toledo, Ohio; Ottawa, Ill.; Mount Sterling, Louisville, Ky. (Feb. 11–28, 1911.)	To investigate methods of farm management and practice, deliver lectures on farm management topics before agricultural bodies, and confer with agricultural and experiment-station authorities on farm-management work.	143.07	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Lima, Wooster, Ada, Ohio; Carrollton, Ill.; Indianapolis, Ind.; and other points in States named. (Mar. 11–June 16, 1911.)	do.....	296.79	Do.

Duvel, J. W. T.....	Crop technologist, in charge of grain standardization.	Wooster, Greenville, Ohio; Decatur, Chicago, Ill.; Omaha, Nebr.; Kansas City, Mo.; Topeka, Kans., and other points. (Aug. 24-Sept. 12, 1910.)	To study condition of corn being marketed, arrange for corn storage and transportation experiments, and inspect grain standardization laboratories.	171.65	General expenses, B. P. I., 1911 (grain standardization).
Do.....	do.....	Baltimore, Philadelphia, and New York City. (Oct. 10-13, 1910.)	To confer with Pennsylvania R. R. officials concerning cooperative corn shrinkage and deterioration investigations; and to secure special apparatus for use in the laboratory.	31.08	Do.
Do.....	do.....	Columbus, Ohio; St. Louis, Kansas City, Mo.; Coffeyville, Manhattan, Kans.; Columbus, Central City, Omaha, Nebr.; Minneapolis, Minn.; Fargo, N. Dak.; Chicago, Decatur, Ill. (Feb. 2-18, 1911.)	To inspect branch laboratories, confer with grain producers and others relative to handling and grading grain, and to arrange future experiments.	179.37	Do.
Do.....	do.....	New Orleans, La.; Memphis, Jackson, Tenn.; Owensboro, Louisville, Ky. (Mar. 28-Apr. 1, 1911.)	To confer with manufacturers of milling machinery and grain merchants; inspect work at New Orleans laboratory and supervise the placing of electrical apparatus in an experimental cargo of corn routed to Copenhagen, Denmark.	110.66	Do.
Do.....	do.....	Chicago, Bloomington, Decatur, Ill.; Lafayette, Muncie, Ind.; Lima, Ohio. (June 10-18, 1911.)	To examine special milling machinery and appliances; confer with grain dealers and others relative to quality and condition of corn being marketed, and to inspect branch laboratories.	78.40	Do.
Do.....	do.....	Baltimore, Philadelphia, and New York City. (June 26-28, 1911.)	To confer with authorities on various phases of grain standardization investigations.	24.00	Do.
Earl, Drayton E.....	Expert.....	Norfolk, Va., and return. (Apr. 2-4, 1911.)	To exhibit a set of the official cotton grades before the Norfolk Cotton Exchange, and confer with officials regarding these grades.	15.35	General expenses, B. P. I., 1911 (cotton standardization).
Edson, Howard A.....	Plant physiologist.....	Garden City, Kans.; Rocky Ford, Colo.; Garland, Logan, Utah; Madison, Wis., and other points in States named. (Sept. 8-Oct. 30, 1910.)	To conduct work on sugar-beet diseases; inaugurate experimental work with sugar beets, and arrange cooperative work on disease resistance in potatoes.	253.02	General expenses, B. P. I., 1911 (sugar-plant investigations).
Do.....	do.....	Burlington, Randolph, Vt. (Apr. 5-May 4, 1911.)	To conduct experiments in maple sap and sugar production.	42.73	Do.
Do.....	do.....	Norfolk, Portsmouth, Va. (May 22-25, 1911.)	To investigate spinach breeding, and work on malnutrition of truck crops.	17.75	General expenses, B. P. I., 1911 (general plant breeding).
Eggleston, Willard W.....	Assistant botanist.....	Mount Carbon, Gunnison, Baldwin, Saguahe, and other points in Colorado. (July 1-Oct. 7, 1910.)	To carry on poisonous-plant investigations..	357.30	General expenses, B. P. I., 1911 (drug and other plants).
Estabrook, Leon M.....	Assistant in charge of congressional seed distribution.	Lamar, Columbia, S. C.; Rome, Cairo, Ga.; New Orleans, La.; Waco, Paris, Tex.; Enid, Jefferson, Okla.; Rocky Ford, Colo.; Lakin, Kans.; Sioux City, Iowa; Fremont, Valley, Waterloo, Nebr. (Sept. 18-Oct. 13, 1910.)	To inspect various seed crops being grown for congressional distribution, and verify acreage, etc., and secure general information of value in placing contracts for seed for distribution.	263.81	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Estabrook, Leon N.....	Assistant in charge of congressional seed distribution.	Fairfield, Bellingham, Wash.; Chico, San Francisco, Los Angeles, Cal.; San Antonio, Tex.; Yuma, Ariz.; Carro, Ga.; Glen St. Mary, Miami, Fla., and other points en route. (Apr. 4-May 29, 1911.)	To inspect introduction and experiment gardens, including foreign introductions and Dutch bulb propagating and confer with seedsmen, growers, and others in the interest of the congressional distribution of seeds and plants.	\$492.05	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Ewing, E. C.....	Scientific assistant.	Falfurrias, Victoria, Mackey, Lockhart, San Antonio, Del Rio, and adjacent points in Texas. (July 1-Nov. 8, 1910.)	To assist with experiments in the acclimatization and breeding of cotton and corn.	237.65	General expenses, B. P. I., 1911 (crop acclimatization).
Fairchild, David G.....	Agricultural explorer in charge of foreign seed and plant introduction.	Stockton, Chico, San Francisco, Los Angeles, and other points in California. (July 22-Aug. 29, 1910.)	To inspect the plant introduction gardens conducted by the bureau and confer with cooperators and private experimenters who are testing newly introduced seeds and plants.	355.86	Purchase and distribution of valuable seeds, 1911 (foreign seed and plant introduction).
Fernald, J. F.....	Mechanical assistant.	Fort Valley, Ga.; Lodi, Cal. (July 1-Nov. 30, 1910.)	To assist with experiments in fruit storage and transportation investigations.	451.90	General expenses, B. P. I., 1911, (pomological investigations).
Do.....	do.....	Tampa, Bradentown, Arcadia, and other points in Florida. (Dec. 20, 1910-Mar. 15, 1911.)	do.....	302.34	Do.
Do.....	do.....	Lodi, Cal.; Puyallup, Wash. (May 16-June 30, 1911.)	do.....	177.43	Do.
Fletcher, Wm. F.....	Scientific assistant.	Checotah, Durant, Shawnee, Okla.; Iola, Ottawa, Kans.; Lincoln, Crete, Sidney, Nebt., and other points in States named. (July 4-Oct. 3, 1910.)	To assist the pomologist in charge in conducting fruit district investigations.	482.39	Do.
Do.....	do.....	Martinsburg, Gerrardstown, Keyser, W. Va. (Oct. 25-26, 1910.)	To install thermometers and make phenological observations in connection with the fruit district investigations.	14.95	Do.
Do.....	do.....	Keyser, W. Va. (Apr. 18-May 1, 1911.)	To study general conditions and collect phenological data in connection with the fruit district investigations.	15.34	Do.
Do.....	do.....	Geneva, Ithaca, N. Y. (May 2-June 1, 1911.)	To adjust thermographs and secure temperature records, etc.	41.86	Do.
Do.....	do.....	Keyser, W. Va. (June 15-16, 1911.)	To study cropping systems and methods of farm management in relation to equitable systems of tenant farming.	14.95	Do.
Froley, John W.....	Assistant agriculturist.	Centerville, Md. (July 11-14, 1910.)	do.....	18.85	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Norfolk, Richmond, Va. (Oct. 3-6, 1910.)	do.....	28.40	Do.

Do.	do.	Columbus, Washington, Vincennes, Ind.; Champaign, Sibley, Bloomington, Springfield, Jerseyville, Ill.; St. Louis, Mo.; Beatrice, Nebr. (Oct. 17-31, 1910.)	do.	130.00	Do.
Do.	do.	Williamsburg, Va. (Jan. 26-28, 1911.)	do.	21.40	Do.
Do.	do.	Norfolk, Va., and vicinity. (Mar. 6-12, 1911.)	do.	22.45	Do.
Do.	do.	Oklahoma City, McLoud, Okla.; Fort Worth, Dallas, Denison, Tex. (May 7-20, 1911.)	do.	149.60	Do.
Galloway, Rankin.	Assistant.	Fort Valley, Ga. (July 1-Aug. 2, 1910.)	To assist with fruit-cooling experiments in connection with the fruit transportation and storage investigations.	73.70	General expenses, B. P. I., 1911 (pomological investigations).
Galloway, Beverly T.	Chief of bureau.	Yokohama, Kamakura, Japan; Hongkong, China; Island of Java, Singapore, Malay Peninsula; Island of Ceylon; Algiers, Algeria; Marseille, Paris, France; London, England, and other points en route. (July 1, 1910-June 11, 1911.)	To investigate foreign plant industries and their bearing on the agriculture of the United States with a view to outlining future explorations, and to arrange with foreign officials and scientific institutions for the collection, propagation, and shipment to this country of valuable seeds and plants.	2,170.77	General expenses, B. P. I., 1911 (foreign seed and plant introduction).
Garner, Wightman W.	Physiologist.	Creedmoor, Raleigh, N. C.; Appomattox, Chatham, and adjacent points in Va. (July 8-23, 1910.)	To inspect cooperative experiments in progress, and select disease-resistant tobacco plants.	55.30	General expenses, B. P. I., 1911 (tobacco investigations).
Do.	do.	Lexington, Bowling Green, Hopkinsville, Ky.; Dayton, Wooster, Seville, Ohio. (July 28-Aug. 6, 1910.)	To study conditions of the tobacco industry and inspect cooperative investigations in progress.	78.23	Do.
Do.	do.	Lancaster, York, Millersville, Ephrata, Pa., and vicinity. (Aug. 10-14, 1910.)	do.	25.25	Do.
Do.	do.	Suffield, Tariffville, Hartford, Conn.; Deerfield, Mass.; Lancaster, Pa., and vicinity. (Aug. 18-Sept. 4, 1910.)	do.	58.13	Do.
Do.	do.	Raleigh, N. C. (Sept. 9-11, 1910.)	To confer with officials of North Carolina Agricultural Experiment Station and arrange future cooperative tobacco investigations in Granville County	25.00	General expenses, B. P. I., 1911 (bacteriology and nutrition).
Do.	do.	Syracuse, Baldwinsville, N. Y.; Springfield, Mass.; Suffield, Hartford, Conn. (Sept. 11-21, 1910.)	To complete observations and experiments in tobacco curing, inspect work in progress, and confer with authorities relative to the tobacco industry.	45.52	General expenses, B. P. I., 1911 (tobacco investigations).
Do.	do.	Manning, S. C. (Nov. 10-13, 1910.)	To continue tobacco investigations.	37.26	Do.
Do.	do.	Timmons ville, S. C.; Raleigh, Oxford, Creedmoor, Reidsville, N. C. (Jan. 23-Feb. 1, 1911.)	To arrange further experiments in connection with the tobacco and plant nutrition investigations.	56.28	Do.
Do.	do.	Hartford, Suffield, Hazardville, Conn. (Mar. 9-19, 1911.)	do.	40.07	Do.
Do.	do.	Lancaster, Mount Joy, Pa. (Apr. 13-14, 1911.)	do.	12.33	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Gilbert, Wm. W.....	Assistant pathologist.....	Auburn, N. C.; Thomasville, Ga.; Headland, Ala.; Monetta, Florence, and Lamar, S. C. (July 17-29, 1910.)	To harvest experimental plots of wilt-resistant watermelons, take notes on cotton wilt, anthracnose, and other field experiments.	\$77.26	General expenses, B. P. I., 1911 (cotton and truck diseases).
Do.....	do.....	Norfolk, Bridges, Va.; Vineland, N. J. (Aug. 1-4, 1910.)	To investigate diseases of watermelons, sweet potatoes, and other truck crops.	29.20	Do.
Do.....	do.....	Florence, Lamar, Sumter, Monetta, Lexington, Dalzell, S. C.; Auburn, N. C. (Aug. 9-16, 1910.)	To inspect and harvest field tests of wilt-resistant watermelons and continue cotton experiments.	45.56	Do.
Do.....	do.....	Kingston, Providence, Auburn, Hoxsie Station, R. I.; Raynham, Mass. (Aug. 17-24, 1910.)	To investigate cucumber and potato diseases.	39.42	Do.
Do.....	do.....	Florence, Barnwell, Lamar, and other points in S. C.; Headland, Dothan, Montgomery, Ala.; Jackson, Miss.; Cairo, Ga. (Sept. 22-Nov. 4, 1910.)	To continue investigation of truck crop diseases and inaugurate experimental work on sugar cane and other crops.	179.33 8.40	Do. General expenses, B. P. I., 1911 (sugar-plant investigations).
Do.....	do.....	Florence, Lamar, Monetta, S. C. (Apr. 19-26, 1911.)	To plant experimental fields of cotton and watermelons.	42.03	General expenses, B. P. I., 1911 (cotton and truck diseases).
Goodrich, C. L.....	Agriculturist.....	Dalzell, Orange Hill, Shiloh, Jefferson, S. C.; Raleigh, Gatesville, Elizabeth City, N. C., and other points in States named. (July 24-Aug. 20, 1910.)	To assist farmers in planting cropping systems, rotations, etc., and organize farm-management work.	112.95	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Columbia, Spearman, Aiken, Marion, Sumter, S. C. (Sept. 8-16, 1910.)	To inspect cooperative work, and investigate methods of farm management and practice.	85.32	Do.
Do.....	do.....	Suffolk, Va.; Savannah, Ga.; Jacksonville, St. Augustine, Fla.; Columbia, Rock Hill, S. C., and other points in States named. (Oct. 21-Nov. 23, 1910.)	To investigate methods and cost of clearing and utilizing timber land, and methods of soil and crop management.	126.69	Do.
Do.....	do.....	Fernandina, Jacksonville, West Palm Beach, Miami, Fla. (Feb. 12-Mar. 5, 1911.)	To investigate problems in soil fertility and improvement and methods of farm management.	156.40	Do.
Do.....	do.....	Columbia, S. C.; Orange City, Ocala, and other points in Florida. (Apr. 12-May 18, 1911.)	To confer with field assistants, study methods of farm and crop management, and advise with farmers as to most improved methods of management and practice.	249.78	Do.
Goss, Willard L.....	Assistant botanist.....	Philadelphia, Pa.; New York City. (Apr. 16-19, 1911.)	To secure samples of seed for testing.....	22.50	General expenses, B. P. I., 1911 (seed laboratory).

Gould, Harris P.....	Phonologist.....	Denver, Akron, Montrose, Colo.; Oklahoma City, Guthrie, Enid, Okla.; Hutchinson, Wichita, Salina, Manhattan, Kans.; Crete, Lincoln, Nebraska City, Nebr., and other points in States named. (Aug. 8-Sept. 29, 1910.)	To study orchard conditions; confer with growers, State horticulturists, and other authorities regarding the fruit industry; collect data and other details in connection with fruit district investigations.	364.75	General expenses, B. P. I., 1911 (phonological investigations).
Grant, Chas. V.....	Assistant.....	Gunnison, Baldwin, Colo. (July 16-Sept. 19, 1910.)	To assist with station and field work of poisonous-plant investigations.	152.45	General expenses, B. P. I., 1911 (drug and other plants).
Griffiths, David.....	Agriculturist.....	Helena, Mont.; Chico, Palo Alto, Santa Barbara, Cal.; San Antonio, Brownsville, Tex.; Biloxi, Miss.; and other points in States named. (July 18-Sept. 20, 1910.)	To investigate range and cactus problems; visit cooperators, collect specimens of native forage plants, etc., in connection with farm-management investigations.	406.85	General expenses B. P. I., 1911 (farm management).
Do.....	do.....	St. Louis, Mo.; Chico, Cal.; Tucson, Ariz.; Brownsville, Tex.; and other points in States named. (Mar. 16-June 30, 1911.)	do.....	445.88	Do.
Grubb, N. H.....	Expert.....	Salisbury, Md. (Aug. 18-19, 1910.)	To assist in examining trial plantings of melons and tomatoes.	11.37	General expenses, B. P. I.; 1911 (Arlington farm and horticulture).
Harter, Leonard L.....	Assistant pathologist.....	Norfolk, Churchland, Va. (July 5-9, 1910.)	To continue work on malnutrition diseases of truck crops.	25.30	General expenses, B. P. I., 1911 (cotton and truck diseases).
Do.....	do.....	Clyde, Ohio; Grand Rapids, Mich. (July 12-27, 1910.)	To conduct experiments on cabbage wilt, tomato, and other truck-crop diseases.	78.66	Do.
Do.....	do.....	Norfolk, Va. (Aug. 10-14, 1910.)	To take notes on cantaloupe spraying experiments and arrange future work on diseases of truck crops.	21.40	Do.
Do.....	do.....	Wooster, Clyde, Ohio; Grand Rapids, Benton Harbor, Holland, Mich.; Milwaukee, Wis.; Muscatine, Iowa; Chicago, Ill. (Aug. 23-Sept. 17, 1910.)	To investigate and take notes on various diseases of truck crops.	139.31	Do.
Do.....	do.....	Norfolk, Cape Charles, Va. (Jan. 23-27, 1911.)	To investigate diseases of sweet and Irish potatoes.	21.55	Do.
Do.....	do.....	Vineland, N. J.; Philadelphia, Pa.; Norfolk, Onley, Cape Charles, Portsmouth, Va. (Apr. 6-19, 1911.)	To investigate diseases of sweet potatoes and continue experiments with malnutrition diseases of truck crops.	64.87	Do.
Do.....	do.....	Norfolk, Cape Charles, Onley, Va. (May 3-14, 1911.)	do.....	50.97	Do.
Do.....	do.....	Norfolk, Portsmouth, Va. (May 22-28, 1911.)	do.....	31.83	Do.
Do.....	do.....	Vineland, N. J. (May 31-June 3, 1911.)	do.....	23.67	Do.
Do.....	do.....	Mattituck, Greenport, Orient, Jamaica, L. I.; New York City; Norfolk, Cape Charles, Va. (June 6-16, 1911.)	do.....	58.87	Do.
Do.....	do.....	Philadelphia, Pa.; Vineland, N. J. (June 25-27, 1911.)	do.....	18.97	Do.
Hartley, Carl.....	do.....	Halsey, Lincoln, Nebr.; Manitou, Colorado Springs, Pueblo, Colo. (July 3, 1910-Jan. 23, 1911.)	To continue investigations upon the damping-off of coniferous seedlings and other diseases of forest trees.	218.39	General expenses, B. P. I., 1911 (forest pathology).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pende.	Appropriation.
Hartley, Carl.....	Assistant pathologist...	Dundee, Ill.; Madison, Wis.; Minneapolis, Minn.; Charles City, Mason City, Iowa.; Lincoln, Halsey, Nebr. (Apr. 17-June 30, 1911.) Piketon, Ohio. (July 4-8, 1910).....	To continue investigations upon the damping-off of coniferous seedlings and other diseases of forest trees.	\$110.75	General expenses, B. P. I., 1911 (forest pathology).
Hartley, Chas. P.....	Physiologist in charge of corn investigations.	Murfreesboro, Tenn.; St. Louis, Mo.; Oconomowoc, Wis. (Sept. 24-Oct. 10, 1910.)	To superintend work on experimental plats of corn.	37.95	General expenses, B. P. I., 1911 (grain investigations).
Do.....	do.....		To inspect fields of corn; study methods of selection and care of seed; record data and other details of the corn-breeding experiments. ....do.....	99.81	Do.
Do.....	do.....	Sunbury, Sabina, Piketon, Ohio. (Oct. 20-Nov. 12, 1910.)		69.01	Do.
Do.....	do.....	Sunbury, Sabina, Piketon, Ohio. (May 13-21, 1911.)	To attend to planting experimental demonstration and breeding plats of corn.	52.95	Do.
Do.....	do.....	Sunbury, Sabina, Piketon, Ohio. (June 22-29, 1911.)	To superintend work on experimental plats of corn.	55.05	Do.
Hawkins, Lon A.....	Scientific assistant.	Vineland, N. J., and vicinity; Philadelphia, Pa. (July 1-Sept. 14, 1910.)	To conduct spraying experiments, and investigate grape and other small-fruit diseases. ....do.....	120.72	General expenses, B. P. I., 1911 (fruit diseases).
Do.....	do.....	Lawton, Kalamazoo, Grand Rapids, Holland, Mich.; Sandusky, Ohio; Erie, North East, Pa.; and other points in States named. (Sept. 19-30, 1910.)		91.15	Do.
Do.....	do.....	Lawton and other points in Michigan. (Mar. 27-Apr. 10, 1911.)			
Do.....	do.....	Lawton and other points in Michigan. (May 15-June 30, 1911.)	do.....	83.25	Do.
Hedgcock, Geo. C.....	Pathologist.....	Madison, Wis.; Minneapolis, Cass Lake, Minn.; Livingston, Bozeman, Mont.; Salmon, Idaho; Skykomish, Seattle, Wash.; Portland, Oreg.; Yosemite, Fresno, Cal.; Prescott, Flagstaff, Ariz.; Albuquerque, N. Mex.; Kansas City, Mo.; and other points through States named. (Aug. 7-Nov. 13, 1910.)	To study the prevalence and nature of the diseases of coniferous and deciduous trees and of the parasites causing them.	122.20	Do.
				598.66	General expenses, B. P. I., 1911 (forest pathology).

Hitchcock, Albert S.....	Systematic agrostologist.	Monterey, Saltillo, Mexico City, Tehuacan, Guadaluajara, Chihuahua, and other points through Mexico. (July 1-Oct. 31, 1910.)	To study economic grasses of Mexico and collect specimens for trial in the United States.	275. 17	General expenses, B. P. I., 1911 (taxonomic and range investigations).
Hitchcock, Frank H.....	Collaborator.....	Monterey, Saltillo, Mexico City, Tehuacan, Guadaluajara, Chihuahua, and other points through Mexico. (July 1-Oct. 2, 1910.)	do.....	99. 84	General expenses, B. P. I., 1911 (paper plant investigations).
Hite, Bertha C.....	Scientific assistant.....	Lafayette, Ind. (Mar. 22-Apr. 28, 1911.)	do.....	243. 51	General expenses, B. P. I., 1911 (taxonomic and range investigations).
Humbert, Eugene P.....	Assistant.....	Lexington, Ky. (Nov. 16-20, 1910.)	To assist in testing seeds for mechanical purity.	43. 15	General expenses, B. P. I., 1911 (seed-testing laboratory).
Humphries, W. R.....	Assistant and draftsman.	Leesburg, Purcellville, Round Hill, Waterford, Paconian Springs, Ashburn, Va. (Apr. 4-22, 1911.)	To investigate cooperative work in systems of rotation and other phases of farming.	53. 25	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Easton, Queen Anne, Denton, Queens-town, Centerville, Md.; Newark, Del.; and other points in States named. (May 1-June 30, 1911.)	To secure accurate data on the efficiency of farm equipment in relation to farm management investigations.	50. 17	Do.
Husmann, George C.....	Pomologist in charge of viticultural investigations.	Vineland, Egg Harbor, N. J. (July 6-9, 1910.)	do.....	192. 06	Do.
Do.....	do.....	Vineland, Egg Harbor, N. J. (Aug. 29-30, 1910.)	To inspect and give instructions in grape-pruning experiments at the cooperative vineyard and at the home for feeble minded.	15. 47	General expenses, B. P. I., 1911 (pomological investigations).
Do.....	do.....	Willard, N. C. (Aug. 30-Sept. 2, 1910.)	do.....	12. 78	Do.
Do.....	do.....	Geneva, Dunkirk, N. Y.; Colfax, Oakville, Napa, Fresno, Santa Rosa, Watsonville, Chico, Brawley, Cal.; Brownsville, Tex.; and other points in States named. (Sept. 22-Dec. 8, 1910.)	To inspect and supervise miscellaneous work in the experimental vineyard.	27. 25	Do.
Do.....	do.....	Willard, Rocky Mount, Enfield, N. C. (Jan. 11-21, 1911.)	To study viticultural conditions and possibilities; plan cooperative work in experiment vineyards; confer with growers and others interested in grape culture, and inaugurate new experiments.	457. 74	Do.
Do.....	do.....	Vineland, Norma, N. J. (Feb. 24-28, 1911.)	To conduct pruning and propagating experiments in the rotundifolia experiment vineyards.	42. 63	Do.
Do.....	do.....	Willard, Enfield, Rocky Mount, N. C. (Apr. 19-22, 1911.)	do.....	18. 43	Do.
Do.....	do.....	Vineland, Egg Harbor, N. J. (June 5-9, 1911.)	To conduct grafting, pruning, and spraying experiments in the rotundifolia vineyards. To make observations in various commercial vineyards and give instructions in connection with the viticultural investigations in progress.	30. 65	Do.
Ingram, Della E.....	Scientific assistant.....	Halsey, Nebr. (June 9-30, 1911.)	To investigate damping-off and other diseases of conifers.	21. 52	Do.
				48. 82	General expenses, B. P. I., 1911 (forest pathology).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Jensen, Charles A.	Agriculturist.	Fallon, Nev. (Aug. 22-Oct. 17, 1910.)	To continue investigations in reference to the physical and physiological work on crop production.	\$248.45	General expenses, B. P. I., 1911 (western agricultural extension).
Jobson, Hicks H.	Scientific assistant.	College Station, Hearne, Austin, San Antonio, El Paso, Tex.; Tucson, Helvetia, Phoenix, Flagstaff, Ariz.; and other points in these States. (July 26-Oct. 5, 1910.)	To investigate farm practices in the care and utilization of prickly pears, and study range conditions and means of improvement.	440.30	General expenses, B. P. I., 1911 (farm management).
Johnson, Edw. C.	Pathologist.	Albany, Utica, N. Y.; Detroit, Mich.; Ames, Iowa; Minneapolis, St. Anthony Park, Minn.; Fargo, Grand Forks, N. Dak.; Manhattan, Kans.; Dahart, Amarillo, Beaumont, Tex.; Crowley, Jennings, New Orleans, La. (July 6-Sept. 19, 1910.)	To collect disease statistics; study field conditions of cereal diseases, especially rice blast; direct work of cooperative breeding experiments for cereal diseases at Minnesota Experiment Station, and of sorghum smut investigations in Texas.	360.97	General expenses, B. P. I., 1911 (grain investigations).
Do.	do.	Minneapolis, Minn., and vicinity; St. Louis, Mo.; Lexington, Ky.; Knoxville, Tenn. (Apr. 3-May 13, 1911.)	To direct work in the cooperative cereal disease experiments at Minnesota Experiment Station and make a general survey of cereal disease conditions.	156.47	Do.
Johnston, John R.	Assistant pathologist.	Baracoa, Cuba. (July 16-Aug. 29, 1910.)	To continue experiments on the bud-rot disease of the coconut palm.	50.00	General expenses, B. P. I., 1911 (pathological laboratory).
Do.	do.	Baracoa, Cuba. (Sept. 20-Oct. 10, 1910.)	do.	68.40	Do.
Jones, P. B.	Assistant.	Port Gibson, Anguilla, Miss.; Atlanta, Ga. (Nov. 18-Dec. 3, 1910.)	To select cotton suitable for testing the relative efficiency of cotton gins.	104.48	General expenses, B. P. I., 1911 (cotton standardization).
Kearney, Thos. H.	Physiologist in charge of alkali and drought resistant plants.	North Platte, Nebr.; Akron, Colo.; Klamath Falls, Ore.; Red Bluff, Stockton, Chico, Los Angeles, Cal.; Yuma, Sacaton, Ariz.; Laredo, Brownville, Tex.; and other points in States named. (Aug. 7-Oct. 18, 1910.)	To continue work in breeding and testing alkali and drought resistant crop plants.	464.95	General expenses, B. P. I., 1911 (alkali and drought resistant plants).
Keitt, Geo. W.	Scientific assistant.	Madison, Wis.; Shelby, Hart, Saugatuck, Mich. (Mar. 16-June 30, 1911.)	To investigate diseases of the peach, cherry, plum, and apple, especially brown-rot of stone fruits and scab of apples.	84.61	General expenses, B. P. I., 1911 (fruit diseases).
Kellerman, Karl F.	Physiologist in charge of bacteriology and nutrition.	San Antonio, El Paso, Tex.; Yuma, Ariz.; Riverside, Berkeley, Cal.; Fallon, Nev.; Logan, Utah; Fort Collins, Colo. (July 25-Aug. 19, 1910.)	To supervise experimental work; confer with experiment-station officials, and continue cooperative studies in soil bacteriology.	303.15	General expenses B. P. I., 1911 (bacteriology and nutrition).

Do.	do.	New York, Medford, N. Y. (Feb. 3-8, 1911.)	To arrange for experiments in the inoculation of alfalfa at Medford, confer with New York City water department officials concerning best methods for preventing algal contamination, and conferences with noted authorities relative to bacteriological methods and technique.	\$41. 86	Do.
Do.	do.	Paris, Cologne, Bonn, France; Leipzig, Berlin, Steiglitz, Germany; St. Petersburg, Russia; Stockholm, Sweden; Amsterdam, Delft, Holland; London, England. (Apr. 23-June 30, 1911.)	To visit field experiments in soil bacteriology, secure information concerning methods for bacteriological investigations of semiarid soils, methods for isolation of nitrogen-fixing bacteria, and to study various phases of bacteriological work.	621. 32	Do.
Kyle, Curtis H.	Assistant physiologist.	Fort Myers, Labelle, Fla.; Statesboro, Ga.; Hialeah, Fla.; North Augusta, S. C.; Piquette, Ohio. (Oct. 17-1910.)	To inspect cooperative plots of corn and continue various experiments and inaugurate new experimental work with corn.	181. 54	General expenses, B. P. I., 1911 (grain investigations).
Do.	do.	Dexter, North Augusta, Ga.; Jacksonville, Labelle, Arcadia, Fort Myers, Fla. (Nov. 15, 1910-June 30, 1911.)	To continue experiments and demonstrations in the production of higher yielding strains of corn.	21. 80	Do.
Lake, Edw. R.	Expert.	Spokane, Wash.; Portland, Corvallis, Medford, Oreg.; Chico, Berkeley, Santa Rosa, San Jose, Los Angeles, Cal., and points en route. (Oct. 1-Nov. 20, 1910.)	To investigate the Persian walnut industry, in connection with the preparation of a report on that subject.	205. 90	Do.
Lewis, K. B.	Scientific assistant.	Ormond, New Smyrna, Tampa, and other points in Florida. (Jan. 7-Apr. 2, 1911.)	To assist with experiments in citrus-fruit handling in connection with fruit transportation and storage investigations.	353. 10	General expenses, B. P. I., 1911 (pomological investigations).
Do.	do.	Pasadena, Cal. (June 26-30, 1911.)	To assist with orange and lemon storage investigations.	396. 35	Do.
Lewton, Frederick L.	Assistant botanist.	Mount Pleasant, Holly Hill, Columbia, Lamar, Hartsville, S. C.; Altamonte, Gotha, Fla.; La Grange, Ga.; Marion, Ala.; Port Gibson, Miss.; Jackson, Tenn.; San Antonio, Del Rio, Denison, Tex. (Aug. 29-Nov. 1, 1910.)	To conduct experiments in the acclimatization and local adjustment of cottons and resistant varieties of cotton, and supervise harvesting experimental cotton in Florida.	109. 05	Do.
Do.	do.	Altamonte Springs, Lakeland, Bradenton, and other points in Florida. (Mar. 15-30, 1911.)	To arrange cooperative breeding experiments and supervise the planting of perennial and upland cottons.	260. 75	General expense, B. P. I., 1911 (crop acclimatization).
Long, Wm. W.	Assistant.	Weldon, Littleton, N. C. (Nov. 22-28, 1910.)	To select cotton for testing the relative efficiency of cotton gins.	19. 50	General expenses, B. P. I., 1911 (cotton standardization).
McBeth, Ira G.	Scientific assistant.	Norfolk, Va., and vicinity. (Apr. 11-14, 1911.)	To arrange cooperative experiments on the bacteriology of trucking soils.	17. 45	General expenses, B. P. I., 1911 (bacteriology and nutrition).
McClure, Harry B.	Assistant agriculturist.	Hayti, Mo.; Des Moines, Iowa. (Aug. 22-Oct. 6, 1910.)	To operate the artificial hay-drying kiln at Hayti and investigate hay-market conditions.	143. 31	General expenses, B. P. I., 1911 (farm management).
Do.	do.	Hayti, Caruthersville, St. Louis, Mo.; Morrilton, Ark. (Mar. 9-June 30, 1911.)	To operate hay-drying kiln, inspect artificial hay curing at Caruthersville, and purchase machinery for kiln.	446. 40	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
McKay, Andrew W.....	Expert in fruit storage..	Riverside, Santa Barbara, Fresno, Lodi, and other points in California. (July 1-Oct. 29, 1910.)	To continue transportation and storage investigations on citrus and deciduous fruits.	\$579.15	General expenses, B. P. I., 1911 (pomological investigations).
Do.....	do.....	Tampa, Bradentown, Arcadia, Orlando, Miami, and other points in Florida. (Dec. 2, 1910-Apr. 2, 1911.)	To assist with experiments in the handling of citrus fruits.	485.11	Do.
Do.....	do.....	Los Angeles, Riverside, and adjacent points in California. (Apr. 9-June 30, 1911.)	do.....	394.50	Do.
McKee, Roland.....	Scientific assistant.....	Chico, Bakersfield, Red Bluff, Biggs, Cal.; Medford, Corvallis, Centralia, Puyallup, and other points in Oregon. (July 1-Nov. 29, 1910.)	To test and distribute new crops for forage and green manure; arrange for growing new vetches for seed production; follow up and take notes on cooperative tests of field crops.	241.94	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	do.....	Salt Lake City, Nephi, Utah; Chico, San Jose, Cal.; Medford, Cottage Grove, Oreg., and other points en route. (Feb. 16-June 30, 1911.)	do.....	226.20	Do.
McMurren, S. M.....	Expert.....	Winchester, Va. (June 19-22, 1911)...	To conduct fertilizer and spraying experiments in the control of apple diseases.	13.11	General expenses, B. P. I., 1911 (fruit diseases).
Malcolm, Donald C.....	Unskilled laborer.....	Mattituck, L. I. (Aug. 28-Sept. 3, 1910.)	To assist in harvesting potatoes grown in experimental fertilizer plots.	28.22	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.....	do.....	Martinsburg, Gerrardstown, W. Va., 2 trips. (Sept. 13-Nov. 1, 1910.)	To collect specimens of fruit resulting from cross-pollinating experiments.	10.51	General expenses, B. P. I., 1911 (pomological investigations).
Marsh, C. Dwight.....	Physiologist.....	Baldwin, Mount Carbon, Gunnison, Denver, Colo.; Livingston, Bozeman, Missoula, Mont.; Chicago, Ill. (Aug. 10-Oct. 9, 1910.)	To study in field and laboratory the loco, larkspur and other poisonous plants of the western stock ranges.	241.33	General expenses, B. P. I., 1911 (drug and other plants).
Do.....	do.....	Baldwin, Gunnison, Colo.; Alturas, Cal.; Lavekiew, Oreg. (May 28-June 30, 1911.)	do.....	240.80	Do.
Marsh, Hadleigh.....	Assistant.....	Baldwin, Hugo, Gunnison, Colo.; (July 1-Sept. 26, 1910.)	do.....	126.20	Do.
Do.....	do.....	Baldwin, Colo. (May 29-June 30, 1911.)	do.....	70.00	Do.
Mason, Silas C.....	Arboriculturist.....	Los Angeles, Berkeley, Santa Barbara, Santa Ynez, Mohave Desert, Indio, Mecca, Cal.; Yuma, Sacaton, Ariz.; San Antonio, Tex., and points en route. (July 26, 1910-Mar. 31, 1911.)	To study various problems in dry-land arboriculture in connection with crop-physiology investigations.	593.35	General expenses, B. P. I., 1911 (crop physiology).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Metcalf, Haven.....	Pathologist in charge of forest pathology.	Madison, Wis.; Chicago, Ill. (Dec. 25, 1910-Jan. 4, 1911.)	To make observations on ornamental tree diseases, inspect work of forest products laboratory, and confer with authorities relative to phases of forest pathology.	\$67.76	General expenses, B. P. I., 1911 (forest pathology.)
Do.....	do.....	Newark, Del.; Philadelphia, Lancaster, Martie Forge, Pa.; New Haven, Conn.; Boston, Mass.; Providence, R. I.; Baltimore, Md. (Mar. 20-Apr. 13, 1911.)	To continue experiments and observations on the bark disease of the chestnut, and confer with authorities regarding the control of this disease.	63.43	Do.
Do.....	do.....	Brooklyn, Cold Spring Harbor, and vicinity, N. Y. (Apr. 26-30, 1911.)	do.....	36.25	Do.
Do.....	do.....	Madison, Wis. (June 26-30, 1911.)	To inspect work at the cooperative laboratory	63.43	Do.
Miles, Geo. F.....	Scientific assistant.	North East, Westfield, Girard, Pa.; Kendaia, Geneva, Penn Yan, Hammondsport, N. Y.; and other points in these States. (July 5-Sept. 6, 1910.)	To conduct spraying experiments and continue investigations of grape and other small-fruit diseases.	176.79	General expenses, B. P. I., 1911 (fruit diseases).
Do.....	do.....	Cookstown, Vineland, Mays Landing, Egg Harbor, Lakewood, N. J. (Sept. 6-14, 1910.)	do.....	41.93	Do.
Do.....	do.....	Norfolk, Va., and vicinity. (May 3-II, 1911.)	To investigate diseases of truck crops.	16.90	General expenses, B. P. I., 1911 (cotton and truck diseases).
Do.....	do.....	Jacksonville, Gainesville, Ocala, Brantdown, Tampa, Miami, Fla.; Greenville, Paris, Petty, Terrell, Tex.; Cairo, Savannah, Ga.; Charleston, S. C.; Wilmington, N. C. (May 16-June 16, 1911.)	To continue cotton root rot experiments; locate spraying experiments for the coming season, and investigate truck-crop diseases.	311.76	Do.
Miller, Henry A.....	Assistant agriculturist.	Hagerstown, Md.; Winchester, Va. (July 12-23, 1910.)	To investigate farm management and practice.	59.01	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Washington Junction, Elvaton, Adamstown, Md.; Martinsburg, W. Va.; Roanoke, Leesburg, Crozet, and other points in Virginia. (Aug. 11-Sept. 30, 1910.)	To make surveys, assist in establishing improved systems of farm management, investigate problems in cropping systems, and other phases of farm management and practice.	189.18	Do.
Do.....	do.....	Milford, Richmond, Roanoke, Va.; Fayetteville, Dunn, Coats, Wilson, Rocky Mount, La Grange, Selma, N. C. (Oct. 3-16, 1910.)	To investigate farm practices in the use of winter legumes.	77.40	Do.

Do.....	Winchester, Waverly, Suffolk, Car- ron, Courtland, Petersburg, Va. (Oct. 19-29, 1910.)	To investigate problems in soil fertility, ro- tation of crops, and use of winter legumes. do.	44. 12	Do.
Do.....	Elkton, Md. (Nov. 2-4, 1910)	To visit cooperators, attend Farmers' Insti- tute, and study various phases of farm management work.	11. 94	Do.
Do.....	Roanoke, Va. (Jan. 9-14, 1911.)	To accompany a Farmers' Institute train and address institute meetings on farm management topics, by request of the State Department of Agriculture.	32. 60	Do.
Do.....	Richmond and other points in Vir- ginia. (Feb. 2-Mar. 8, 1911.)	To assist farmers in working out cropping systems.	33. 40	Do.
Do.....	Annapolis, Md. (Mar. 13, 1911.)	To study problems in soil improvement, cropping systems, and other phases of farm management and practice.	2. 25	Do.
Do.....	Charlottesville, Va. (Mar. 31-Apr. 1, 1911.)	To inspect construction work at Government experiment station.	7. 65	Do.
Do.....	Travel between Washington and Elk- ton, Garrett Park, Annapolis, Md.; Charlottesville, Haymarket, Ma- nassas, Waynesboro, Troutville, Va.; (May 2-June 30, 1911.)	To assist in planting potato trial plots.....	66. 64	Do.
Do.....	Beltsville, Md. (May 3-June 1, 1911) 3 trips.	To continue investigations in the culture and manufacture of American tea.	2. 36	General expenses, B. A. I., 1911 (administrative expenses).
Milsted, Joseph I.....	Honeoye Falls, N. Y. (May 22-June 7, 1911.)	To study and collect material for economic herbarium.	48. 07	General expenses, B. P. I., 1911 (Arlington farm and horticulture)
Mitchell, Geo. F.....	Summerville and adjacent points in South Carolina. (July 1-Nov. 30, 1910.)	To assist in work of grain standardization laboratory.	29. 75	General expenses, B. P. I., 1911 (drug and other plants).
Moore, A. H.....	Philadelphia, Pa.; Boston, Mass. (June 16-26, 1911.)	To take notes on soy bean experiments and other forage crops.	48. 79	General expenses, B. P. I., 1911 (taxonomic and range investigations).
Morrison, George W.....	Decatur, Ill. (June 28-30, 1911.)	To investigate the equipment of farms in con- nection with farm management investiga- tions.	37. 80	General expenses, B. P. I., 1911 (grain stand- ardization).
Morse, Wm. J.....	Washington, Raleigh, N. C.; Calhoun, Clemson College, Columbia, Mo- netta, S. C.; Augusta, Atlanta, Ga.; Knoxville, Tenn. (Aug. 25-Sept. 2, 1910.)	do.	75. 13	Purchase and distribu- tion of valuable seeds, 1911 (congressional seed distribution).
Mowry, Herbert H.....	Vineland, Hammon, Bound Brook, New Brunswick, Newark, N. J.; Newburgh and vicinity, Syracuse, Rochester, Hilton, Lockport, Hol- ley, Medina, Middleport, Buffalo, and vicinity, N. Y. (July 17-Aug. 20, 1910.)	do.	203. 62	General expenses, B. P. I., 1911 (farm manage- ment).
Do.....	Jackson, Macon, Miss.; Livingston, Eutaw, Uniontown, Selma, Ala. (Sept. 28-Oct. 16, 1910.)	do.	166. 42	Do.
Do.....	Leesburg, Va. (Nov. 14, 1910)	do.	5. 75	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mowry, Herbert H.....	Assistant.....	Avondale, Pa.; Ithaca, N. Y.; Chicago, Ill.; Madison, Wis.; St. Paul, Minn.; Lincoln, Neb.; Kansas City, Columbia, St. Louis, Mo. (Mar. 11-20, 1911.)	To investigate the equipment of farms in connection with farm management investigations.	\$122.18	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Chicago, Ill.; Lincoln, Neb.; St. Paul, Minn.; Packwaukee, Wis.; Ithaca, N. Y., and other points in States named. (Apr. 2-30, 1911.)	do.....	183.16	Do.
Do.....	do.....	Rochester and other points in N. Y.; Madison, Wis.; Lincoln, Nebr. (June 16-30, 1911.)	do.....	139.22	Do.
Muncey, Eliot M.....	Laboratory aid.....	Cumberland, Me. (July 1-31, 1910)....	To operate machine for making paper from cornstalks.	51.82	General expenses, B. P. I., 1911 (paper plant investigations).
Norton, Jesse B.....	Physiologist.....	Concord, Ipswich, Boston and vicinity, Mass.; Glastonbury, Hartford, Conn. (July 16-Aug. 16, 1910.)	To conduct experiments in breeding disease-resistant truck crops, especially rust-resistant asparagus.	50.27	General expenses, B. P. I., 1911 (general plant breeding).
Do.....	do.....	Concord, Mass.; Hockanum, Glastonbury, Conn.; Geneva, Syracuse, Ithaca, N. Y. (Sept. 3-Oct. 2, 1910.)	do.....	118.63	Do.
Do.....	do.....	Norfolk, Va., and vicinity. (Jan. 28-26, 1911.)	To make selections and arrangements for spinach breeding.	15.29	Do.
Do.....	do.....	Norfolk, Va., and vicinity. (Apr. 11-15, 1911.)	do.....	19.09	Do.
Do.....	do.....	Philadelphia, Pa.; Swedesboro, N. J.; New York, N. Y.; Concord, Mass. (Apr. 26-May 14, 1911.)	To continue asparagus breeding experiments.	65.02	Do.
Do.....	do.....	Norfolk, Va., and vicinity. (May 15-17, 1911.)	do.....	11.62	Do.
Do.....	do.....	Concord, Mass. (May 18-June 30, 1911.)	To continue experiments on diseases of truck crops.	116.52	Do.
Oakley, Russell A.....	Assistant agrostologist.....	Frederick, Hagerstown, Oakland, Grantsville, Cumberland, Westminster, Md. (July 6-15, 1910.)	To take notes on cooperative tests of meadow and pasture grasses and other forage crops.	54.59	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	do.....	State College, Pa.; Ithaca, Rochester, N. Y.; New London, Ohio. (July 27-Aug. 5, 1910.)	To arrange new forage crop tests, and take notes on timothy breeding experiments.	78.58	Do.

Do.....	do.....	Staunton, Va. (Aug. 23-26, 1910.).....	To outline work of testing and propagating seeds of grasses, legumes, and other forage crops.	18.15	Do.	
Do.....	do.....	Blacksburg, Va. (Sept. 20-23, 1910.).....	To take notes on cooperative grazing experiments.	22.70	Do.	
Do.....	do.....	New London, Ohio. (Sept. 23-28, 1910.).....	To assist with tests of timothy breeding.....	44.05	Do.	
Do.....	do.....	New Haven, Middletown, Williamstic, Manchester, Conn.; Amherst, Northampton, Mass.; Portland, Canton, Augusta, Me.; Southampton, L. I., Philadelphia, Pa. (Oct. 6-17, 1910.).....	To take notes of tests being made with grasses and other forage crops.	83.57	Do.	
Do.....	do.....	Oklahoma City, Guthrie, Okla.; Wichita, Manhattan, Kans.; Kansas City, Mo.; Lincoln, Nebr. (Oct. 29-Dec. 10, 1910.).....	do.....	155.63	Do.	
Do.....	do.....	New Haven, Hartford, Manchester, Conn.; Amherst, Mass.; Philadelphia, Pa. (May 3-8, 1911.).....	do.....	48.96	Do.	
Do.....	do.....	New York, Scarborough, N. Y.; Garden City, L. I. (May 26-27, 1911.).....	To take notes on cooperative tests of grasses, and arrange for new tests.	21.08	Do.	
Do.....	do.....	Christiansburg, Blacksburg, Va. (June 5-8, 1911.).....	To take notes on tests of grasses, legumes, and other forage crops for pastures and meadows.	23.75	Do.	
O'Neale, Hugh T.....	Assistant.....	Baldwin, Colo. (June 27-30, 1911.).....	To assist with poisonous-plant investigations through the Gunnison National Forest.	70.50	General expenses, B. P. I., 1911 (drug and other plants).	
Orcutt, Alfred S.....	Scientific assistant.....	Grand Rapids, Mich. (July 1-30, 1910.).....	To continue experimental work on tomatoes and other crops, and take notes on cabbage-wilt experiments.	18.37	General expenses, B. P. I., 1911 (cotton and truck diseases).	
Orton, Wm. A.....	Pathologist in charge of cotton and truck diseases and sugar-plant investigations.	St. Paul, Duluth, Minn.; Brookings, S. Dak.; Fargo, N. Dak.; Billings, Bozeman, Mont.; Fairfield, Pullman, Wash.; Portland, Oreg.; Chico, Stockton, Oxnard, Compton, Chino, Cal.; Salt Lake City, Ogden, Garland, Logan, Utah; Fort Collins, Greeley, Colo.; Garden City, Kans.; Minneapolis, Minn.; Saginaw, Holland, Mich.; Clyde, Ohio, and other points in States named. (July 1-Sept. 6, 1910.).....	To investigate the various phases of sugar-beet cultivation and sugar-beet diseases; to extend the industry on a commercial scale into new sections; to inaugurate experiments with sugar cane and maple sugar; and other physiological and pathological problems in connection with sugar-plant investigation.	397.55	General expenses, B. P. I., 1911 (sugar-plant investigations).	
Do.....	do.....	Florence, Monetta, S. C.; Cairo, Thomasville, Vienna, Augusta, Ga.; Headland, Ala. (Sept. 19-29, 1910.).....	To conduct experiments with wilt-resistant cotton and watermelons and inspect work in progress with truck diseases.	89.29	General expenses, B. P. I., 1911 (cotton and truck diseases).	
Do.....	do.....	Hamburg, Berlin, Halle a/S., Weimar, and other points in Germany. (Apr. 20-June 30, 1911.).....	To study the sugar-beet industry in all its phases, investigate diseases of sugar beets and truck crops, and observe quarantine methods against plant diseases.	273.27	General expenses, B. P. I., 1911 (sugar-plant investigations).	
Peter, Alan McG.....	Assistant.....	Akron, Colo. (June 4-30, 1911.).....	To assist with work in connection with the investigations of drought resistance physiology.	67.57	General expenses, B. P. I., 1911 (alkali and drought resistant plants).	

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Piper, Charles V.....	Agrostologist in charge of forage-crop investigations.	Hockanum, Conn. (July 11-14, 1910.)	To inspect cover crop and legume tests being conducted at the experiment station.	\$28.85	Purchase and distribution of valuable seeds 1911 (congressional seed distribution).
Do.....	do.....	Ames, Iowa; Columbus, Ohio. (July 22-31, 1910.)	To inspect cooperative tests with forage crops.	82.65	Do.
Do.....	do.....	Chullicothie, Amarillo, Dalhart, Tex.; Yuma, Ariz.; Los Angeles, Fillmore, San Francisco, Chico, Cal.; Corvallis, Oreg.; Puyallup, Pullman, Wash.; Bozeman, Mont.; Dickinson, N. Dak.; Brookings, S. Dak.; Lansing, Mich. (Aug. 17-Sept. 20, 1910.)	To inspect the testing and propagating of seeds of legumes, grasses, and other forage crops and arrange for future tests with field crops.	287.67	Do.
Do.....	do.....	Hockanum, South Manchester, Conn. (Nov. 8-10, 1910.)	To take notes on tests of grasses and of hairy vetch.	25.45	Do.
Pomeroy, Carl S.....	Expert.....	New York, N. Y.; Jersey City, N. J. (July 16-29, 1910.)	To inspect experimental shipments of peaches arriving at those points, in connection with the fruit transportation and storage investigations.	57.96	General expenses, B. P. I., 1911 (pomological investigations).
Do.....	do.....	New York, N. Y.; Jersey City, N. J. (Aug. 21-Nov. 11, 1910.)	To inspect experimental shipments of grapes on arrival.	214.62	Do.
Do.....	do.....	New York, N. Y.; Jersey City, N. J. (Dec. 5-7, 1910.)	To repack and ship grapes from cold storage.	33.85	Do.
Do.....	do.....	Tampa, Orlando, Bradentown, Arcadia, and other points in Florida. (Dec. 7, 1910-Apr. 9, 1911.)	To assist with citrus fruit handling experiments in connection with the fruit transportation and storage investigations.	494.21	Do.
Potter, Alden A.....	Assistant pathologist.....	Minneapolis, New Richmond, Minn.; Ames, Iowa; Amarillo, Chillicothe, Tex.; Crowley, New Orleans, La. (July 1-Sept. 18, 1910.)	To carry on investigations in cereal diseases, especially the sorghum smut and rice diseases, and collect cereal-disease statistics.	260.74	General expenses, B. P. I., 1911 (grain investigations).
Do.....	do.....	Amarillo, San Antonio, Tex.; Wichita, Sedgewick, Hutchinson, Manhattan, Parsons, Kans. (May 16-June 30, 1911.)	.....do.....	288.63	Do.
Powell, G. Harold.....	Assistant chief of bureau.	San Francisco, Cal.; Moro, Portland, Oreg.; Mitchell, Neb.; Billings, Mont.; Dickinson, N. Dak.; Minneapolis, Minn.; Chicago, Ill. (July 1-31, 1910.)	To inspect field work of the bureau, particularly the dry-land experiments in the Great Plains area, and of fruit marketing, transportation, and storage investigations	257.95	General expenses, B. P. I., 1911 (administrative and miscellaneous).
Do.....	do.....	Baltimore, Md. (Aug. 12, 1910.)	To inspect work of grain standardization laboratory.	3.80	Do.

Do.....	do.....	Milford, Bowling Green, Va. (Aug. 16, 1910.)	To look over work of the tobacco substation.	6.50	Do.
Do.....	do.....	New York, Ithaca, Geneva, N. Y. (Sept. 16-28, 1910.)	To confer with the members of the College of Agriculture, horticulturists, and others relative to various lines of bureau work.	37.99	Do.
Pratt, Burr B.....	Scientific assistant.....	Fort Valley, Ga. (July 1-25, 1910.)	To continue fruit transportation and storage investigations.	52.87	General expenses, B. P. I., 1911 (pomological investigations.)
Do.....	do.....	Los Angeles, Pasadena, Riverside, Fresno, Lodi, Norton, Sacramento, Cal. (July 26-Nov. 26, 1910.)	do.....	475.22	Do.
Do.....	do.....	Tampa, Winter Park, Eustis, Arcadia, Jacksonville, New Smyrna, Bradentown, Miami, and other points in Florida. (Dec. 2, 1910-Apr. 2, 1911.)	To assist with experiments in the handling of citrus fruits in connection with the fruit transportation and storage investigations.	676.11	Do.
Do.....	do.....	Los Angeles, Riverside, Redlands, Whittier, Pasadena, and other points in California. (Apr. 9-June 30, 1911.)	To investigate methods of handling and pre-cooling deciduous fruits and assist in experiments along these lines.	391.26	Do.
Pritchard, Fred J.....	Assistant pathologist.....	Grand Rapids, Saginaw, Mich.; Madison, Wis.; Brookings, S. Dak.; Fairfield, Wash.; Chaska, St. Paul, Minn. (Aug. 29-Nov. 23, 1910.)	To conduct experiments in the culture and breeding of sugar beets.	315.54	General expenses, B. P. I., 1911 (sugar-plant investigations).
Do.....	do.....	Madison, Wis.; Brookings, S. Dak. (Apr. 17-June 30, 1911.)	do.....	70.98	Do.
Rabak, Frank.....	Chemical biologist.....	Orange City, Satsuma, Jacksonville, Fla. (July 1-19, 1910.)	To continue investigations of both wild and cultivated volatile oil and perfumery plants.	48.25	General expenses, B. P. I., 1911 (drug and other plants).
Do.....	do.....	Cleveland, Ohio; Detroit, Mich.; Madison, Milwaukee, Wis. (Aug. 13-Oct. 8, 1910.)	To consult with cooperators concerning volatile-oil production and utilization, assist in harvesting cooperative experimental material, and investigating the practicability of manufacturing varnishes and paints from volatile-oils and their products.	88.79	Do.
Ramsey, H. J.....	Expert.....	Los Angeles, Riverside, Santa Barbara, San Bernardino, San Diego, Whittier, Fresno, Lodi, Berkeley, Sacramento, and other points in California; Medford, Portland, Salem, Oreg. (July 1-Nov. 25, 1910.)	To carry on fruit transportation and storage investigations.	623.39	General expenses, B. P. I., 1911 (pomological investigations).
Do.....	do.....	Jacksonville, Tampa, Winter Park, New Smyrna, Bradentown, and other points in Florida. (Nov. 29, 1910-Apr. 7, 1911.)	To prosecute citrus-fruit handling experiments in connection with the fruit transportation and storage investigations.	746.14	Do.
Do.....	do.....	New York City and return. (Apr. 9-13, 1911.)	To study citrus-fruit marketing conditions and the cause of decay of shipments of fruit on arrival from California and Florida.	30.95	Do.
Do.....	do.....	Puyallup, Wash.; Salem, Portland, Oreg. (June 15-30, 1911.)	To conduct fruit cooling, handling, and shipping experiments with cherries, blackberries, prunes, and other fruits, in connection with fruit transportation and storage investigations.	194.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Rand, Frederick V.....	Scientific assistant.....	Orangeburg, Summerton, S. C.; Bacon- ton, Ga. (July 6-14, 1910.)	To investigate diseases of the pecan.....	\$899.22	General expenses, B. P.
Do.....	do.....	Winchester, Va. (July 18-19, 1910.)...	To conduct spraying demonstrations and experiments in orchard nutrition.	10.29	Do. (fruit diseases).
Do.....	do.....	Weldon, Southern Pines, Charlotte, N. C.; Spartanburg, Greenwood, Ridge Spring, Aiken, Orangeburg, Summerton, S. C.; Baconton, Al- bany, Marietta, Austell, Rome, Ga.; Chattanooga, Cleveland, Doeherd, Winchester, Tenn.; Huntsville, De- catur, Selma, Ala. (July 22-Aug. 26, 1910.)	To investigate peach diseases and conduct experiments in the control of pecan dis- eases.	200.27	Do.
Do.....	do.....	Winchester, Va. (Aug. 29-31, 1910.)...	To take notes on spraying and orchard nu- trition experiments on the apple.	13.95	Do.
Do.....	do.....	Winchester, Va. (Sept. 19-22, 1910.)...	do.....	16.78	Do.
Do.....	do.....	Orangeburg, S. C. (Sept. 26-28, 1910.)...	To take notes on pecan spraying and ferti- lizer experiments.	32.05	Do.
Do.....	do.....	Winchester, Va., 3 trips. (Oct. 6-Nov. 1, 1910.)	To take notes on results of spraying and fertilizer experiments on apples, and in- spect orchards for diseases.	66.14	Do.
Do.....	do.....	Orangeburg, Summerton, S. C.; Ba- con, Ga. (Nov. 6-12, 1910.)	To take final notes, and pick pecans, on pecan spray experiments.	65.00	Do.
Do.....	do.....	Orangeburg, Summerton, S. C.; Ba- con, Ga. (Mar. 5-10, 1911.)	To carry on fertilizer tests on pecan diseases, and arrange spraying experiments.	48.44	Do.
Do.....	do.....	Winchester, Va. (Apr. 10-14, 1911.)...	To arrange apple-spraying experiments and continue work on orchard nutrition.	17.17	Do.
Do.....	do.....	Glen St. Mary, Monticello, Fla.; Thomasville, Baconton, Cairo, Ga. (Apr. 22-29, 1911.)	To examine experiments in the growing of seedling pecans and arrange for and carry out spraying experiments.	52.10	Do.
Do.....	do.....	Winchester, Va. (May 1-6, 1911.)...	To conduct fertilizer and pollination experi- ments in apple orchards.	23.95	Do.
Do.....	do.....	Cairo, Thomasville, Baconton, Ga. (May 8-14, 1911.)	To continue investigations of pecan diseases.	68.38	Do.
Do.....	do.....	Winchester, Va., 2 trips. (May 16- June 9, 1911.)	To conduct spraying, fertilizer, and pollina- tion experiments in apple orchards.	20.24	Do.
Do.....	do.....	Baconton, Thomasville, Cairo, Ga. (June 10-15, 1911.)	To investigate pecan diseases.....	70.71	Do.
Do.....	do.....	Winchester, Va. (June 19-22, 1911.)...	To conduct nutrition and spraying experi- ments in the control of apple diseases.	14.47	Do.

Rittue, Edward C.	do	Los Angeles, Compton, Santa Ana, Chino, Artesia, Alamitos, Cal.; Garden City, Fort Scott, Kans. (July 1-Oct. 1, 1910.)	To study diseases, cultural methods, and breeding of sugar beets and to inspect field experiments.	135.05	General expenses, B. P. I., 1911 (sugar-plant investigations).
Do	do	Garden City, Kans.; Holly, Swink, Rocky Ford, Pueblo, La Junta, Holyoke, Colo. (Mar. 9-June 30, 1911.)	do	93.00	Do
Roberts, John W.	do	Staunton, Fishersville, Waynesboro, Va., 3 trips. (July 6-Aug. 13, 1910.)	To investigate diseases of fruits and conduct spraying experiments and demonstrations for their control.	94.95	General expenses, B. P. I., 1911 (fruit diseases).
Do	do	Hancock, Okonoko, Sleepy Creek, W. Va. (Aug. 21-28, 1910.)	do	19.65	Do
Do	do	Waynesboro, Staunton, Va., 2 trips. (Aug. 31-Oct. 13, 1910.)	do	81.47	Do
Do	do	Waynesboro, Staunton, Va. (Jan. 12-14, 1911.)	do	17.85	Do
Do	do	Dover, Camden, Del. (Mar. 29-31, 1911.)	do	11.26	Do
Robertson, F. E.	do	White River Junction, Rutland, Vt.; Worcester, Mass.; Concord, Charles town, N. H.; Orono, Me.; Ithaca, Rochester, N. Y., and other points in States named. (Oct. 2-Dec. 31, 1910.)	To investigate methods of farm management and practice and economic conditions affecting various localities with reference to the management of farms	373.97	General expenses, B. P. I., 1911 (farm management.)
Do	do	White River Junction, Rutland, Vt.; Worcester, Mass.; Concord, Charles town, N. H.; Orono, Me.; Ithaca, Rochester, N. Y., and other points in States named. (Apr. 1-June 30, 1911.)	do	326.40	Do
Robinson, Thomas R.	Assistant physiologist	Jacksonville, Glen St. Mary, Gainesville, Fla.; Eatonton, Ga. (July 22-Aug. 4, 1910.)	To carry on experiments in the breeding of new and hardy types of citrus fruits.	84.93	General expenses, B. P. I., 1911 (crop physiology).
Savage, Edward M.	Assistant plant breeder	Baltimore, Md.; Glen St. Mary, Lake City, Gainesville, Eustis, Orange City, Sanford, Jacksonville, Fla. (July 22-Sept. 13, 1910.)	do	66.65	Do
Scales, Freeman M.	Scientific assistant	Norfolk, Va., and vicinity. (Apr. 11-15, 1911.)	To arrange further cooperative experiments on the bacteriology of trucking soils.	23.00	General expenses, B. P. I., 1911. (Bacteriology and nutrition.)
Scotfield, Carl S.	Agriculturist in charge of western agricultural extension.	Mitchell, Nebr.; Bellefourche, S. Dak.; Huntley, Billings, Mont.; Williston, N. Dak.; Minneapolis, Minn. (July 11-30, 1910.)	To study results of experimental work, confer with experiment-station officials, and outline plans for future experiments.	193.86	General expenses, B. P. I., 1911. (Western agricultural extension.)
Do	do	Minneapolis, Minn.; Huntley, Helena, Bozeman, Mont.; Portland, Hermiston, Corvallis, Astoria, Klamath Falls, Oreg.; Fallon, Nev.; Red Bluff, Chico, Yuba City, San Francisco, Bakersfield, Semi Tropic, Los Angeles, El Centro, Bard, Cal.; Yuma, Maricopa, Sacaton, Phoenix, Tempe, Ariz.; San Antonio, Tex.; Kansas City, Mo. (Sept. 10-Nov. 27, 1910.)	To make an agricultural reconnaissance of irrigation projects and confer with supervising engineers of the Reclamation Service regarding cooperative work; inspect work in progress and direct future operations at the various substations cooperating with the office of Western Agricultural Extension.	521.35	Do

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination	Business or work	Total expense.	Appropriation.
Scotfield, Carl S.....	Agriculturist in charge of western agricultural extension.	Charleston, S. C. (Jan. 4-6, 1911).....	To examine and study roller cotton gins in operation.	\$33.70	General expenses, B. P. I., 1911 (Western agricultural expenses, B. P. I., 1911 (general plant breeding).
Scott, Leo B.....	Expert.....	Riverside, Corona, Cal. (June 22-30, 1911).	To assist in the prosecution of citrus fruit improvement investigations through bud section.	127.55	General expenses, B. P. I., 1911 (fruit diseases).
Scott, Wm. M.....	Pathologist.....	Waynesboro, Fishersville, Va.; Cornelia, Atlanta, Fort Valley, Ga. (July 1-Aug. 3, 1910).	To investigate diseases of orchard fruits and conduct spraying experiments and demonstrations for their control.	86.91	Do.
Do.....	do.....	Paw Paw, Romney, W. Va. (Aug. 9-10, 1910.)	do.....	18.08	Do.
Do.....	do.....	Waynesboro, Pa.; Hancock, Md. (Aug. 17-19, 1910.)	To investigate brown rot, scab, and other diseases of the peach.	14.90	Do.
Do.....	do.....	Waynesboro, Staunton, Va. (Sept. 15-17, 1910.)	To continue experiments and demonstrations on apple diseases.	14.90	Do.
Do.....	do.....	Martinsburg, Okonoko, W. Va. (Sept. 20-23, 1910.)	To continue spraying experiments for the control of peach diseases.	8.77	Do.
Do.....	do.....	Hutchinson, Lawrence, Kans.; St. Joseph, Mo. (Sept. 27-Oct. 6, 1910.)	To investigate apple diseases and plan spraying experiments and demonstrations for the next year.	112.82	Do.
Do.....	do.....	Okonoko, W. Va. (Oct. 9-11, 1910)....	To conduct spraying experiments for the control of peach diseases.	9.47	Do.
Do.....	do.....	New York City. (Nov. 13-15, 1910)....	To investigate fruit-spot disease developed en route on shipments of apples.	20.60	Do.
Do.....	do.....	Dover, Camden, Del., 2 trips. (Mar. 14-30, 1911.)	To select orchards for spraying experiments and demonstrations in the control of apple and peach diseases.	28.38	Do.
Do.....	do.....	Wyoming, Camden, Del., 2 trips. (Apr. 17-27, 1911.)	To conduct spraying experiments and demonstrations for the control of apple and peach diseases.	33.39	Do.
Do.....	do.....	Okonoko, W. Va. (May 5-6, 1911)....	do.....	6.64	Do.
Do.....	do.....	Wyoming, Del. (May 11-16, 1911)....	do.....	21.20	Do.
Do.....	do.....	Okonoko, W. Va. (May 18, 1911)....	do.....	5.32	Do.
Do.....	do.....	Wyoming, Del. (May 24-26, 1911)....	do.....	10.99	Do.
Do.....	do.....	Okonoko, W. Va.; Charlottesville, Staunton, Waynesboro, Va. (June 1-13, 1911.)	To observe effect of spraying fruit trees with lime-sulphur solution and other fungicides.	30.34	Do.
Do.....	do.....	Dover, Camden, Del. (June 28-29, 1911.)	To take notes on results of spraying experiments and demonstrations.	11.05	Do.

Shamel, A. D.....	Physiologist.....	Hartford, Hockanum, Glasenbury, Conn.; Worcester, Mass.; Geneva, Ithaca, N. Y.; Ottawa, Canada. (July 1-Oct. 17, 1910.)	To make a survey of the apple and peach districts; and confer with the Horticulturist of the Ottawa Experiment Station regarding prospective experimental work in fruit breeding.	420.31	General expenses, B. P. I., 1911 (general plant breeding).
Do.....	do.....	Riverside, Corona, Redland, San Demos, Pomona, Los Angeles, Santa Barbara, San Bernardino, and other points in California. (Oct. 18, 1910-June 30, 1911.)	To prosecute citrus fruit improvement investigations through bud selection in connection with the pomological breeding investigations.	423.56	Do.
Shanahan, John D.....	Crop technologist in charge of grain standardization.	Baltimore, Md., 3 trips. (July 6-Sept. 27, 1910.)	To examine corn stored in elevators for experimental purposes; and supervise work in grain standardization laboratory.	7.20	General expenses, B. P. I., 1911 (grain standardization).
Do.....	do.....	Chicago, Mattoon, Decatur, Ill.; St. Louis, Kansas City, Mo.; Manhattan, Omaha, Nebr.; Fargo, N. Dak.; Toledo, Ohio; Buffalo, N. Y. (Oct. 9-29, 1910.)	To inspect field experiments and work of branch laboratories, and confer with dealers and others relative to various phases of the grain industry.	203.36	Do.
Shantz, Homer L.....	Plant physiologist.....	Colorado Springs, Akron, Yuma, Wray, Colo.; Nephi, Utah; Hazen, Fallon, Nev.; San Francisco, Chico, Dunsmuir, Shasta Springs, Cal.; Klamath Falls, Crater Lake, Medford, Portland, Moro, Oreg.; Spokane, Wash.; Hobson, Mont. (July 1-Sept. 20, 1910.)	To continue investigations of the indicator value of the native vegetation and the physiology of drought resistance in the arid and semiarid portions of the Great Plains area; and confer with experiment station officials concerning cooperative experiments.	450.58	General expenses, B. P. I., 1911 (alkali and drought resistant plants).
Do.....	do.....	St. Louis, Mo.; Dalhart, Tex.; Colorado Springs, Denver, Akron, Yuma, Wray, Colo.; Lincoln, Nebr. (Apr. 11-24, 1911.)	To install apparatus and inaugurate physiological investigations in connection with alkali and drought-resisting plant breeding.	151.55	Do.
Do.....	do.....	Akron, Colorado Springs, Yuma, Colo. (June 4-30, 1911.)	To investigate the indicator value of the native vegetation and the physiology of drought resistance.	142.80	Do.
Shaw, Harry B.....	Assistant pathologist.....	Toledo, Ohio; Blissfield, Bay City, Saginaw, Grand Rapids, Lansing, Mich.; Salt Lake City, Garland, Ogden, Logan, Utah; Idaho Falls, Idaho, and other points in States named. (Aug. 17-Oct. 29, 1910.)	To study diseases, cultural methods, and breeding of sugar beets, and confer with sugar company officials and others relative to the sugar-beet industry.	381.69	General expenses, B. P. I., 1911 (sugar-plant investigations).
Do.....	do.....	Salt Lake City, Ogden, Garland, Lehi, Utah. (Mar. 27-June 30, 1911.)	do.....	186.90	Do.
Shear, Cornelius L.....	Pathologist.....	Philadelphia, Pa.; Vineland, Egg Harbor, N. J. (July 6-10, 1910.)	To investigate grape, cranberry, and other small-fruit diseases.	21.32	General expenses, B. P. I., 1911 (fruit diseases).
Do.....	do.....	Geneva, Penn Yan, Ithaca, Hammondsport, Rochester, Buffalo, Sodus, Fredonia, Macedon, N. Y.; North East, Erie, Pa. (Aug. 17-27, 1910.)	do.....	65.18	Do.
Do.....	do.....	Cookstown, Hanover, Vineland, Mays Landing, Glassboro, N. J. (Sept. 6-10, 1910.)	To inspect spraying experiments and investigate diseases of small fruits.	25.98	Do.
Do.....	do.....	Willard, Enfield, Rocky Mount, N. C. (Apr. 19-22, 1911.)	To investigate grape diseases, especially black rot of the Scuppernon grape.	25.20	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Shear, Cornelius L.	Pathologist.	Philadelphia, Pa.; Vineland, Egg Harbor, N. J. (May 15-18, 1911.)	To conduct spraying experiments for diseases of small fruits.	\$24.63	General expenses, B. P. I., 1911 (fruit diseases).
Do.	do.	Vineland, New Lisbon, Egg Harbor, N. J. (June 5-8, 1911.)	do.	22.84	Do.
Do.	do.	Wareham, Mass. (June 11-16, 1911.)	do.	37.00	Do.
Shear, Wm. V.	Scientific assistant.	Mattituck, L. I., Chazy, Rouses Point, N. Y.; Burlington, St. Albans, Vt. (Aug. 1-10, 1910.)	To investigate cranberry diseases and plan spraying experiments for their control. To take notes on fertilizer tests, hybridization, and other phases of potato experiments and investigating methods of potato culture.	56.90	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.	do.	Staunton, Va. (Aug. 18-20, 1910.)	do.	14.75	Do.
Do.	do.	Mattituck, N. Y. (Aug. 28-Sept. 3, 1910.)	do.	27.87	Do.
Do.	do.	Staunton, Va., and vicinity. (Sept. 6-10, 1910.)	do.	10.75	Do.
Do.	do.	Norfolk, Va., and vicinity. (Feb. 27-Mar. 7, 1911.)	To inspect seed potatoes and arrange for experimental plantings.	33.20	Do.
Do.	do.	Mattituck, N. Y. (Apr. 11-15, 1911.)	To plant potatoes on fertilizer plats.	26.59	Do.
Do.	do.	Staunton, Va. (Apr. 23-28, 1911.)	do.	11.65	Do.
Do.	do.	Norfolk, Va., and vicinity. (May 12-14, 1911.)	To take notes on potatoes in fertilizer plats.	12.60	Do.
Do.	do.	Honeoye Falls, Mattituck, Jamaica, N. Y. (May 17-June 10, 1911.)	To plant potato trial plats and inspect fertilizer plats on Long Island.	74.70	Do.
Do.	do.	Norfolk, Va., and vicinity, 2 trips. (June 18-28, 1911.)	To supervise harvesting potatoes and take notes on results of experiments in potato cultivation.	27.05	Do.
Shepard, Anna B.	do.	Columbia, Mo. (Feb. 14-May 15, 1911.)	To assist in testing seeds for mechanical purity and germination at the branch laboratory maintained in cooperation with the Missouri Agricultural Experiment Station.	75.00	General expenses, B. P. I., 1911 (seed-testing laboratory).
Shoemaker, Daniel N.	Expert.	Salisbury, Chestertown, Md. (July 13-14, 1910.)	To inspect experimental melons and cabbage.	16.44	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.	do.	Morristown, Swedesboro, Pedricktown, N. J.; Doylestown, Philadelphia, Pa. (July 26-30, 1910.)	To examine market gardens and vegetable plantings.	24.59	Do.
Do.	do.	Chattanooga, Fayetteville, Tenn.; Garden City, Kans.; Rocky Ford, Colo.; Terre Haute, Ind. (Aug. 18-31, 1910.)	To select seed and arrange for cooperative experiments with muskmelons and to investigate the tomato industry.	141.61	Do.

Do.....	do.....	Watkins, Canandaigua, Geneva, Ithaca, Rochester, N. Y. (Sept. 16-23, 1910.)	To study the culture of field beans and make selections.	58.22	Do.
Do.....	do.....	Watkins, Penn Yan, N. Y. (June 22-25, 1911.)	To study conditions and arrange breeding experiments with beans.	29.14	Do.
Smith, Clarence B.....	Agriculturist.....	Lansing, Bay City, and other points in Michigan. (July 1-16, 1916.)	To continue farm-management investigations.	58.14	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Vineland, Hammon, Freehold, N. J.; Hartford, Conn.; Shelburne Falls, Mass.; Bennington, Vt.; Ithaca, Penn Yan, N. Y.; Muskegon, Colon, Mich.; Ames, Muscatine, Independence, Iowa; and other points in States named. (Aug. 7-Sept. 24, 1910.)	To confer with field representatives of the office, investigate methods of farm management and practice, and advise farmers concerning improved methods of cropping in connection with farm-management investigations.	324.31	Do.
Do.....	do.....	Norfolk, Richmond, Va., and vicinity. (Oct. 3-6, 1910.)	To investigate systems of tenant farming and the management of large farm estates; to deliver an address before patrons and others interested in the consolidated rural school, on "Farm management in relation to agricultural education in high schools."	25.25	Do.
Do.....	do.....	Randallstown, Md. (Oct. 14, 1910) ...	To cooperate with the Vineland Farm Demonstration Association in a detailed study of that section with a view to working out profitable cropping systems and farm plans for the area.	3.55	Do.
Do.....	do.....	Vineland, Millville, Glassboro, Bridge-ton, Woodstown, N. J. (Nov. 1-23, 1910.)	To deliver lectures on farm-management topics before farmers' institutes and investigate various phases of farm management.	83.54	Do.
Do.....	do.....	Detroit, Plymouth, Lansing, Millersburg, Alpena, Grayling, Bay City, Muskegon, and other points in Michigan. (Jan. 19-Feb. 16, 1911.)	To investigate farm management problems with special reference to systems of tenant farming.	125.46	Do.
Do.....	do.....	Norfolk and vicinity, Williamsburg, Sasstras, Va. (Mar. 6-12, 1911.)	To confer with field representatives of the office, establish cooperative demonstration experiments in various lines of farm management, and study farm-management problems.	24.65	Do.
Do.....	do.....	Grand Rapids, Muskegon, Lewiston, Gaylord, Grayling, Hale, St. Helen, Monroe, Mich.; St. Paul, Minn.; Wahpeton, Fairview, Fargo, Chiford, N. Dak.; Ames, Iowa; Chicago, Ill. (Mar. 31-May 7, 1911.)	.....do.....	178.17	Do.
Do.....	do.....	Columbia, Lamonte, Green Castle, Mo.; Odebolt, Iowa; Wahpeton, Fargo, Clifford, Grand Forks, N. Dak.; Shelly, Minn.; Niles, Detroit, Rochester, Mich. (May 24-June 19, 1911.)	To confer with authorities regarding the similarity of certain diseases of plants and diseases of animals.	199.16	Do.
Smith, Erwin F.....	Pathologist in charge of pathological laboratory.....	Buffalo, N. Y., and return. (Apr. 11-13, 1911.)		31.91	General expenses, B. P. I., 1911 (pathological laboratory).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Spaulding, Percy.....	Pathologist.....	Tariffville, East Granby, Conn.; Amherst, Mass.; Brunswick, Me.; Randolph, Bethel, Vt.; Saranac Inn, N. Y.; and other points in States named. (Sept. 10—Nov. 2, 1910.)	To investigate diseases of forest and ornamental trees and shrubs.	\$141.26	General expenses, B. P. I., 1911 (forest pathology).
Do.....	do.....	New York, Saranac Lake, Lake Clear Junction, N. Y.; Charlottsburg, N. J. (Apr. 25-30, 1911.)	To investigate the damping-off of coniferous seedlings, white pine blister rust, and chestnut tree bark disease.	26.00 20.00	Do. Investigation of the chestnut tree bark disease, 1911-12.
Do.....	do.....	Annapolis and vicinity, Oakland, Md.; Lynchburg and adjacent points, Va.; Roncesville, Lewisburg, Rowlesburg, Whitsell, W. Va. (May 5-28, 1911.)	To study the nature and habits and means of control of the chestnut tree bark disease.	76.82	Do.
Do.....	do.....	Parkton, Md.; Windsor, Harford, Conn.; Springfield, Mass.; Waterbury, Sharon, Vt., and other points in the New England States. (June 4-17, 1911.)	To investigate chestnut blight and other diseases of trees and shrubs.	144.07	Do.
Spillman, Wm. J.....	Agriculturist in charge of farm management.	Knoxville, Tenn.; Uniontown, Ala.; Stotts City, Mo.; Holly, Colo.; Garden City, Kans.; Des Moines, Iowa; Chicago, Ill.; Wooster, Ohio, and other points in States named. (July 9-Aug. 5, 1910.)	To address farmers' institutes on "Improvements in farm management," confer with State officials concerning cooperative work and to investigate systems of farm management.	186.04	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Quakertown, Cornwells, Pa.; Pine Bush, N. Y.; Salem, Mountain Grove, Springfield, Wentworth, Stotts City, St. Louis, Mo. (Sept. 1-25, 1910.)	To investigate systems of farm management and practice, and address farmers' institutes on farm management topics.	136.35	Do.
Do.....	do.....	Elkton, Md.; Ithaca, N. Y. (Oct. 5-12, 1910.)	To advise with farmers relative to improving their systems of management, and confer with State authorities and others concerning cooperative work.	35.76	Do.
Do.....	do.....	Tupelo, Starkville, West Point, Montpelier, Miss.; Geiger, Entaw, Greensboro, Gallon, Uniontown, Selma, Linden, Marion Junction, Snow Hill, Haynesville, Montgomery, Ala. (Nov. 1-30, 1910.)	To investigate the adaptability of alfalfa to certain soils and arrange demonstration work with a view to extending its cultivation, and advise farmers about diversification of crops.	152.26	Do.

Do.....	do.....	Lexington, Ky.; Wentworth, Mo. (Jan. 5-12, 1911.)	To inspect demonstration work in progress and confer with authorities relative to cooperative work in various phases of farm management.	85.50	Do.
Do.....	do.....	Ithaca, N. Y. (Mar. 3-5, 1911).....	To confer with station authorities concerning cooperative work.	29.55	Do.
Do.....	do.....	Montgomery, Selma, Ala.; Biloxi, Miss. (Mar. 16-26, 1911.)	To confer with cooperators and field men of the office.	83.27	Do.
Do.....	do.....	Calvert, Myersville, Md. (May 6-7 and 22-24, 1911.)	To inspect demonstrations in progress and investigate methods of farm management and practice.	11.40	Do.
Stephens, David E.....	Assistant.....	St. Paul, Minn.; Fargo, Dickinson, N. Dak.; Forsyth, Huntley, Philbrook, Billings, Bozeman, Mont.; Spokane, Pullman, Wash.; Moscow, Idaho; Corvallis, Moro Oreg.; Logan, Nephi, Salt Lake City, Utah. (July 20-Sept. 1, 1910.)	To install a system of recording results obtained from the various experiments conducted by the Office of Grain Investigations, and take notes on the condition of dry-land grain crops on the experimental farms.	311.15	General expenses, B. P. I., 1911 (grain investigations).
Stockberger, Warner W....	Physiologist.....	Columbus, Ohio; Sacramento, San Francisco, Wheatland, Marysville, Perkins, Cal.; Salem, Portland, Corvallis, Independence, Oreg.; Chilli-wac, B. C.; Tacoma, Wash.; St. Paul, Minn. (July 17-Sept. 30, 1910.)	To confer with authorities relative to hop standardization and use of new tannin materials, and study the various phases of these industries.	373.80	General expenses, B. P. I., 1911 (drug and other plants).
Do.....	do.....	Chicago, Ill. (Feb. 2-5, 1911).....	To confer with hop experts and with the committee appointed to adopt new standards of hop valuation.	55.00	Do.
Stuart, Wm.....	Expert.....	Norfolk, Va., and vicinity. (July 13-21, 1910.)	To take notes on potato experiments.....	31.40	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.....	do.....	Burlington, St. Albans, Vt., and vicinity. (July 26-Aug. 18, 1910.)	To carry on experimental work with potatoes.	85.90	Do.
Do.....	do.....	Cumberland, Md.; Martinsburg, Morgantown, W. Va.; Chicago, Ill.; Fargo, Larimore, Grand Forks, N. Dak.; Stevens Point, Oshkosh, Milwaukee, Wis.; Grand Haven, Traverse City, Mich.; St. Albans, Burlington, Vt.; Rochester, Geneva, Canandaigua, Victor, N. Y. (Sept. 5-Oct. 27, 1910.)	To continue investigations looking to the improvement of varieties of potatoes and their introduction into suitable localities.	241.92	Do.
Do.....	do.....	Onley, Portsmouth, Norfolk, Va., and vicinity. (Feb. 27-Mar. 7, 1911.)	To inspect seed potatoes and arrange for experimental plantings.	32.60	Do.
Do.....	do.....	Norfolk, Va., and vicinity. (Mar. 17-18, 1911.)	To superintend planting experimental potatoes.	11.85	Do.
Do.....	do.....	Middlebury, Burlington, Vt. (Apr. 2-6, 1911.)	To arrange cooperative potato investigations with the Vermont Agricultural Experiment Station.	39.67	Do.
Do.....	do.....	Morgantown, W. Va. (Apr. 27-29, 1911.)	To arrange for cooperative work with potatoes and supervise experimental plantings.	21.95	Do.
Do.....	do.....	Honeoye Falls, N. Y.; Middlebury, Burlington, Vt. (May 18-June 7, 1911.)	To superintend planting of potato trial plots, and inspect work in progress.	79.33	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- penditure.	Appropriation.
Stuart, Wm.	Expert	Portsmouth, Diamond Springs, Va. (June 11-16, 1911.)	To inspect potato trial plots.	\$22.41	General expenses, B. P. I, 1911 (Arlington farm and horticulture).
Do.	do.	Honeoye Falls, Rochester, N. Y. (June 19-24, 1911.)	do.	30.25	Do.
Stubenrauch, Arnold V.	Expert.	New York, N. Y.; Berkeley, Los Angeles, San Diego, and other points in California. (July 4-Aug. 11, 1910.)	To prosecute the fruit transportation and storage investigations.	348.95	General expenses, B. P. I, 1911 (pomological investigations).
Do.	do.	Tampa, Orlando, New Smyrna, Maitland, Fla. (Mar. 25-Apr. 1, 1911.)	To complete citrus-fruit handling investiga- tions in progress and address meetings of fruit growers on certain phases of the work.	104.21	Do.
Do.	do.	Chicago, Ill. (May 8-12, 1911.)	To confer with officials of refrigerator car lines, warehouse companies, and others regarding future work in connection with the fruit transportation and storage inves- tigations.	62.95	Do.
Do.	do.	Ithaca, N. Y.; Lansing, Mich. (May 31-June 4, 1911.)	To confer with officials of State agricultural colleges.	61.40	General expenses, B. P. I, 1911 (general plant breeding).
Swingle, Walter T.	Physiologist in charge of crop physiology.	Boston, Mass. (July 13-16, 1910.)	To consult herbaria, libraries, etc., and con- fer with authorities relative to securing Australian hardy citrus fruits for breeding experiments.	46.35	General expenses, B. P. I, 1911 (crop phys- iology).
Do.	do.	Manhattan, Kans.; Saratoga, Yuma, Ariz.; Los Angeles, Chico, Stockton, Berkeley, Fresno, Indio, Cal.; San Antonio, Tex., and other points in States named. (Oct. 1-Dec. 4, 1910.)	To continue work in progress on dry-land arboriculture, and conduct experiments in cooperation with the office of western agricultural extension.	563.96	Do.
Do.	do.	London, England; Paris, Marseilles, France; Dresden, Germany; Brus- sels, Belgium; Algiers, Algeria. (May 23-June 30, 1911.)	To study history and general conditions of date palm, fig, citrus fruits, and pistache, and the possible utilization of such plants in extending the agriculture of the western United States.	427.14	General expenses, B. P. I, 1911 (western agri- cultural extension).
Taylor, Wm. A.	Assistant chief of bureau.	Winchester, Va. (Oct. 12-13, 1910.)	To inspect fertilizer and spraying experi- ments being conducted by the bureau.	7.96	General expenses, B. P. I, 1911 (administrative and miscellaneous).

Thomson, Edward H.....	Scientific assistant.....	Wooster, New London, Cleveland, Ohio; Armada, Bay City, Mich.; Madison, Waukesha, Blue Mounds, Wis.; St. Paul, Minn.; Ames, Fort Dodge, Iowa; La Fayette, Lebanon, Ind.; Chicago, Ill. (Aug. 2-Sept. 16, 1910.)	To collect data on the cost of farm operations and secure additional cooperators in farm management work.	278.98	General expenses, B. P. I., 1911 (farm management).
Do.....	do.....	Ithaca, Binghamton, Delhi, N. Y., and vicinity. (Sept. 22-Oct. 3, 1910.)	do.....	39.36	Do.
Do.....	do.....	Georgetown, Conn.; Worcester, Mass.; Albany, Utica, Ithaca, Syracuse, Geneva, and other points in New York. (Nov. 8-22, 1910.)	do.....	83.07	Do.
Do.....	do.....	Ithaca, Binghamton, Cortland, Delhi, N. Y. (Feb. 21-28, 1911.)	do.....	37.49	Do.
Do.....	do.....	Vineland, N. J. (Mar. 7-8, 1911.)	To visit and confer with cooperators, collect data, and investigate various phases of farming.	17.72	Do.
Do.....	do.....	Columbus, Wooster, Ohio; Bloomington, Ind.; Indianapolis, Ind.; Springfield, Ill.; Cedar Rapids, Ames, Iowa; Lincoln, Nebr.; Columbia, Mo., and other points in States named. (Apr. 4-May 2, 1911.)	To confer with experiment station officials and others relative to farm records, farm survey work, and other phases of farming, and arrange additional cooperative work.	186.63	Do.
Do.....	do.....	Ithaca, Rochester, Buffalo, and other points in New York. (May 27-June 6, 1911.)	To visit cooperators on farm records and carry on farm management investigations.	74.86	Do.
Do.....	do.....	Ithaca, Binghamton, Delhi, N. Y. (June 21-23, 1911.)	do.....	20.21	Do.
Townsend, Karl H.....	Assistant.....	Amarillo, Tex. (Aug. 2-Oct. 6, 1910.)	To assist in the classification and recording of data obtained at the experiment farm.	142.69	General expenses, B. P. I., 1911 (grain investigation).
Tracy, J. E. W.....	Assistant superintendent of testing gardens.	Stockton, San Francisco, and other points in California, and points in Washington, Idaho, Oregon, Montana, Colorado, Kansas, Nebraska, Michigan, New York, and Connecticut. (July 1-Aug. 24, 1910.)	To inspect crops being grown for the department, and consult seed firms and others relative to various details in connection with the congressional seed distribution.	435.29	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	do.....	Brooklyn, N. Y. (Mar. 5-6, 1911.)	To inspect seed-packeting machine.	16.29	Do.
Do.....	do.....	Boston, Marblehead, Mass. (June 18-22, 1911.)	do.....	43.75	Do.
Tracy, sr., Wm. W.....	Superintendent of testing gardens.	Green Bay, Columbus, Wis.; Millington, Detroit, Mich. (July 9-19, 1910.)	To inspect seed crops growing under contract for use in the congressional seed distribution.	95.93	Do.
Do.....	do.....	Philadelphia, Doylestown, Pa.; Morristown, Swedesboro, Pedricktown, N. J. (July 26-30, 1910.)	To examine market gardens and vegetable plantings.	21.26	General expenses, B. P. I., 1911 (Arlington farm and horticulture).
Do.....	do.....	Salisbury, Md. (Aug. 18-20, 1910.)	To examine trial plantings of melons and tomatoes.	15.62	Do.
Do.....	do.....	Rutland, White River Junction, Vt.; New York City. (Aug. 23-27, 1910.)	To inspect early sweet corn grown for seed, and examine tomatoes and other vegetables grown for canning.	46.39	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Tracy, sr., Wm. W.....	Superintendent of testing gardens.	Baltimore, Salisbury, Md. (Sept. 7-9, 1910.)	To examine and report on variety trials of watermelons.	\$28.92	General expenses, B. P. I., 1911. (Arlington farm and horticultural). Do.
Do.....	.....do.....	Hartford, Conn.; Boston, Mass.; Philadelphia, Pa. (Sept. 13-15, 1910.)	.....do.....	33.60	Do.
Do.....	.....do.....	Garden City, Kans.; Rocky Ford, Colo.; San Francisco, San Jose, Gilroy, Haywards, Pismo, Ventura, Los Angeles, Chico, Cal.; Yuma, Ariz. (June 6-30, 1911.)	To inspect seed crops grown on contract for use in the congressional seed distribution.	396.10	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
True, Rodney H.....	Physiologist in charge of drug and other plants.	Florence, Timmonsville, S. C. (Sept. 12-18, 1910.)	To inspect tea experiments and cooperative drug-plant work in progress.	32.05	General expenses B. P. I., 1911 (drug and other plants). Do.
Do.....	.....do.....	Hackettstown, N. J. (Mar. 22-24, 1911.)	.....do.....	23.40	Do.
Vehrmeyer, Frank J.....	Scientific assistant.	Brandywine Summit, Concordville, Philadelphia, Pa.; New York City. (Dec. 27, 1910-Jan. 3, 1911.)	To inspect facilities offered by parties desiring cooperation of the department in drug-plant experiments. To investigate mushroom diseases and consult herbaria.	46.67	General expenses, B. P. I., 1911 (pathological laboratory). Do.
Do.....	.....do.....	Philadelphia, Brandywine Summit, Pa. (June 8-11, 1911.)	To carry on fumigation experiments for the control of a mushroom disease.	37.39	Do.
Vinall, Harry N.....	Assistant agrostologist.	Ainsworth, Valentine, Nebr.; Bellefourche, S. Dak.; Chillicothe, San Antonio, Amarillo, Dalhart, Tex.; Akron, Byers, Colo.; Philbrook, Mont.; Pullman, Wash.; Moro, Union, Oreg.; Caldwell, Gooding, Idaho; Logan, Nephi, Ferron, Utah. (July 1-Sept. 17, 1910.)	To take notes and arrange for the testing and propagating of seeds of legumes, grasses, and forage crops.	485.10	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	.....do.....	Manhattan, Hays, Kans.; Barr, Hudson, Akron, Colo. (June 21-30, 1911.)	.....do.....	78.49	Do.
Waddle, Norma.....	Laboratory aid.	Corvallis, Albany, Salem, Portland, Oreg. (Aug. 20, 1910-June 29, 1911.)	To assist in making mechanical purity tests of samples of seed.	266.75	General expenses, B. P. I., 1911 (seed-testing laboratory).
Waite, Merton B.....	Pathologist in charge of fruit diseases.	Winchester, Va. (Sept. 16-20, 1910.)	To take notes on results of spraying experiments and fertilizer tests on apple diseases.	17.96	General expenses, B. P. I., 1911 (fruit diseases).
Do.....	.....do.....	Hancock, Md. (Oct. 1, 1910.)	To examine orchards and study fruit diseases and deliver an address at farmers' meeting on "The relation of spraying to fruit."	7.34	Do.

Do.....	Winchester Va. (Oct. 6-13, 1910).....	To take notes on apple spraying and fertilizer tests and study peach diseases.	18.58	Do.
Do.....	Orangeburg, S. C.; Monticello, Fla. (Oct. 30-Nov. 4, 1910.).....	To investigate pecan diseases.....	67.95	Do.
Do.....	Winchester, Va. (Mar. 25, 1911).....	To confer with fruit growers and arrange for spraying experiments.	5.70	Do.
Warburton, Clyde W.....	Ames, Iowa. (July 3-27, 1910).....	To superintendent harvesting cooperative breeding plats of oats.	90.70	General expenses, B. P. I., 1911 (grain investigations).
Do.....	Ithaca, Geneva, N. Y.; Burlington, Morrisville, St. Johnsbury, Vt.; Portland, Orono, Bangor, Houlton, Presque Isle, Me.; Boston, Mass.; Wilmington, Newark, Del. (Aug. 8-20, 1910.).....	To investigate methods of growing and handling oat and other small-grain crops, especially at State experiment stations, and arrange for cooperative tests of oats.	99.90	Do.
Watkins, Henry E.....	New York, N. Y.; Jersey City, N. J. (Jan. 6-8, 1911.).....	To inspect grapes in cold storage in connection with fruit transportation and storage investigations.	18.59	General expenses, B. P. I., 1911 (pomological investigations).
Wester, Peter J.....	Miami, Little River, Homestead, Fla. (Nov. 3-Dec. 22, 1910.).....	To direct experimental work with foreign seeds and plants.	46.60	General expenses, B. P. I., 1911 (special seeds and plants).
Westgate, John M.....	Manhattan, Topeka, Horton, Troy, Kans.; Gallatin, Moberly, Columbia, Mo.; Duquoin, Centerville, Decatur, Bloomington, Springfield, Ill.; La Fayette, Indianapolis, Kokomo, South Bend, Ind.; Lansing, Mich.; Madison, Beloit, Wis.; Algona, Ames, Des Moines, Iowa. (Sept. 1-Nov. 1, 1910.).....	To determine the outcome of tests with red clover and correlate methods of growing clover in localities where it is not being as successfully grown as formerly.	287.05	Purchase and distribution of valuable seeds, 1911 (congressional seed distribution).
Do.....	New London, Ohio; Indianapolis, La Fayette, Ind.; Chicago, Ill.; Madison, Beloit, Wis.; Delmar, Maquoketa, Ames, Iowa; Gallatin, Mo. (June 12-25, 1911.).....	To arrange tests of different varieties of clovers in regard to yield of hay and seed production	136.98	Do.
Wight, Wm. F.....	St. Louis, Columbia, Joplin, Mo.; Little Rock, Ark.; Dallas, Denison, Waco, Austin, Tex.; Pauls Valley, Oklahoma City, Okla.; Stockton, Kans.; St. Paul, Minn.; Grand Rapids, Roscommon, Cadillac, Mich. (July 26-Sept. 28, 1910.).....	To study the various species of the genus Prunus in a wild state at private trial grounds and various experiment stations, and collect material of other cultivated plants in connection with the systematic study of fruits and nuts.	405.17	General expenses, B. P. I., 1911 (taxonomic and range investigations).
Do.....	Boston, Mass.; New York City; Philadelphia, Pa. (Nov. 27-Dec. 16, 1910.).....	To consult herbaria and study material of the genus Prunus.	83.00	Do.
Do.....	Atlanta, Ga.; New Orleans, La.; San Antonio, New Braunfels, Tex.; Phoenix, Ariz.; Los Angeles, Riverside, Santa Barbara, Berkeley, Cal.; Portland, Oreg.; Fort Collins, Colo., and other points en route. (Apr. 5-June 24, 1911.).....	To study and secure material of the genus Prunus and other economic species of plants in connection with the work of systematic botany of fruits and nuts.	562.65	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF PLANT INDUSTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Willier, John G.	Scientific assistant	Piketon, Columbus, Sunbury, Akron, Cleveland, Ohio; Chicago, Ill.; Oconomowoc, Milwaukee, Racine, Wis. (May 13-June 30, 1911.)	To supervise planting experimental corn, investigate corn food products, and take notes on results of corn experiments.	\$212.90	General expenses, B. P. I., 1911 (grain investigations).
Wright, R. Claude	do	San Antonio, Tex.; San Francisco, Calif.; Fallon, Nev. (Apr. 19-June 30, 1911.)	To study soil bacteriology and take notes on cooperative work at the experiment stations.	247.65	General expenses, B. P. I., 1911 (bacteriology and nutrition).
Young, Robert A.	do	Gough, Charleston, S. C.; Brooksville, Fla. (Oct. 10-28, 1910.)	To supervise the harvesting and shipping of yautias, taros, and dasheens.	94.80	Purchase and distribution of valuable seeds, 1911 (foreign seed and plant introduction).
Do	do	Gough, S. C. (Dec. 5-18, 1910.)	do	52.38	General expenses, B. P. I., 1911 (general plant breeding).
Zook, Leslie L.	do	Yuma, Ariz.; Ontario, Los Angeles, San Francisco, Chico, Cal.; Fallon, Nev.; Logan, Ogden, Utah, Denver, Fort Collins, Colo.; Lincoln, North Platte, Nebr.; Manhattan, Hutchinson, Topeka, Kans.; Kansas City, Mo., and points en route. (July 1-Nov. 23, 1910.)	To experiment in the production of improved strains of corn by breeding and selection, and study physiological problems in connection with the corn investigations of the bureau.	435.65	General expenses, B. P. I., 1911 (grain investigations).
Do	do	Yuma, Ariz.; Chico, Cal., and other points in these States. (Dec. 22, 1910-June 30, 1911.)	do	128.70	Do.

FOREST SERVICE.

Adams, Bristow	Forest assistant	To Tampa, Miami, Ocala, and Pensacola, Fla. (Jan. 23-June 30, 1911.)	Eucalyptus and other planting experiments.	\$558.06	General expenses, Forest Service, 1911 (management of forests).
Adams, D. W.	Lumberman	To various points in North and South Carolina and Tennessee. (Apr. 19-June 17, 1911.)	Land examinations under the Weeks law	227.78	Acquisition of lands for protection of watersheds of navigable streams.
Adams, J. B.	Assistant forester	To New York, N. Y., and Boston, Mass., and return. (Sept. 20-23, 1910.)	Water-power site investigations	37.20	General expenses, Forest Service, 1911 (general administration).

Do.	.....do.....	To the various district headquarters and to certain forest headquarters. (Dec. 7-31, 1910.)	General administrative work and conferences with supervisors.	323.50	Do.
Do.	.....do.....	To Salt Lake City and to district and various forest headquarters. (Mar. 11-May 4, 1911.)	Attendance at district foresters' meeting at Salt Lake City and transaction of administrative duties.	443.23	Do.
Ames, John S.	Forest assistant.....	To points in Connecticut, Massachusetts, and other New England States. (Dec. 6, 1910-Jan. 31, 1911.)	Gathering data on stumpage values of white pine.	122.07	General expenses, Forest Service, 1911 (management of forests).
Anderson, M. T.	Field assistant.....	To Randolph and other points in New Hampshire. (May 29-31, 1911.)	Examination of lands under the Weeks law.	19.40	Acquisition of lands for protection of watersheds of navigable streams.
Ashe W. W.	Forest assistant.....	To Marion, N. C., and points in Bertie County, Ga. (July 21-Aug. 11, 1910.)	Cooperative study of the forest conditions of the Piedmont region and private examinations for the Cashie & Chowan R. R. & Lumber Co. and for John W. Hussey.	38.90	General expenses, Forest Service, 1911 (management of forests).
Do.	.....do.....	To Hancock, Md. (Aug. 27-31, 1910.)	Preparation of yield tables of hard woods in the Appalachian region.	22.65	Cooperative work, forest investigations.
Do.	.....do.....	To Pittsburgh, Pa. (Oct. 8-31, 1910.)	To start an examination of the watersheds of the Allegheny and Monongahela Rivers in the States of New York, Pennsylvania, and West Virginia.	9.04	General expenses, Forest Service, 1911 (management of forests).
Do.	.....do.....	To points in Georgia, Tennessee, North Carolina, Virginia, Kentucky, West Virginia, and Maryland. (Nov. 4-Dec. 31, 1910.)	Study of second-growth hard woods.....	86.77	Cooperative work, forest investigations.
Do.	.....do.....	To Philadelphia and points in Clearfield County, Pa. (Jan. 23-30, 1911.)		110.35	General expenses, Forest Service, 1911 (management of forests).
Do.	.....do.....	To Norfolk, Va. (Mar. 21-28, 1911.)	Examination and selection of timber designed for pontoon-bridge construction in cooperation with the War Department.	24.51	Do.
Do.	Forest examiner.....	To Marion, N. C.; Roanoke, Va.; Bluefield, W. Va.; Knoxville, Tenn. (Apr. 25-June 9, 1911.)	To attend a meeting of the North Carolina Pine Association.	11.45	Do.
Do.	.....do.....	To various points in North Carolina and Tennessee. (June 20-30, 1911.)	Examination of lands under the Weeks law.	109.21	Acquisition of lands for protection of watersheds of navigable streams.
Backus, G. T.	Forest agent.....	To Albuquerque, N. Mex. (July 2, 1910.)	.....do.....	45.40	Do.
Barnes, Will C.	Inspector of grazing.....	To El Paso, Tex. and San Francisco, Cal., via various national forest headquarters in districts 3 and 5; thence to certain designated forest headquarters in California, to Phoenix, Ariz., and various points in district 3. (Sept. 15, 1910-Feb. 15, 1911.)	Transfer of official station.....	80.00	General expenses, Forest Service, 1911 (management of forests).
			Field investigation of grazing problems; attendance at annual meeting, Arizona Cattle Growers' Association; study of range questions in Arizona, New Mexico, and other States.	1,099.88	General expenses, Forest Service, 1911 (general administration).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Barrows, W. B.....	Forest assistant.....	To various points in New Hampshire and Massachusetts, and Milford, Pa. (July 1-Aug. 22, 1910; trip begun in fiscal year 1910.)	Remeasuring permanent sample plats.....	\$89. 38	General expenses, Forest Service, 1911 (management of forests).
Brown, H. P.....	Xylo tomist.....	To Philadelphia, Pa.; Buffalo, Niagara Falls, and Rochester, N. Y. (Dec. 13, 1910-Jan. 2, 1911.)	Testing for selection of various types of dendrological apparatus.	42. 53	Do.
Bronson, D. D.....	General inspector.....	To Missoula, Mont.; Portland, Oreg.; San Francisco, Cal.; Ogden, Utah; Denver, Colo.; and Albuquerque, N. Mex. (Aug. 10, 1910-Oct. 14, 1910.)	Representative of the Forester at conferences with representatives of the Office of the Solicitor, General Land Office, field officials of the Land Office, district foresters, chief of lands, and other forest officers on claims work.	512. 65	Do.
Do.....	do.....	To points in Colorado and Utah. (Nov. 16-Dec. 9, 1910.)	Inspection of hydroelectric-power plants.....	236. 50	Do.
Do.....	do.....	To points in California. (Feb. 4-June 30, 1911.)	General inspection of the Cleveland National Forest.	846. 65	Do.
Bruce, E. S.....	Classified expert lumberman.	To various forest headquarters throughout the Western States. (July 11-Oct. 31, 1910.)	Inspection of timber sales on national forests.	571. 53	Do.
Bryant, R. C.....	Expert.....	To various points in Virginia and West Virginia. (June 19-30, 1911; trip not completed in fiscal year 1911.)	Examination of lands under the Weeks law..	35. 11	Acquisition of lands for protection of watersheds of navigable streams.
Burns, Findley.....	Forest assistant.....	To various district and forest headquarters. (Sept. 13-Nov. 15, 1910.)	Collection of data necessary to complete a series of publications in course of preparation dealing with national forest resources.	546. 90	General expenses, Forest Service, 1911 (market and miscellaneous).
Carter, E. E.....	Assistant forester.....	To Ogden, Utah, via Cass Lake, Minn., and to other points within and near national forests. (July 11-Sept. 15, 1910.)	Inspecting and assisting in planting and sowing work on the national forests.	573. 85	General expenses, Forest Service, 1911 (management of forests).
Chewning, A. C.....	Clerk.....	To Ogden, Utah. (July 19-23, 1910.)...	Transfer of official station.....	68. 75	General expenses, Forest Service, 1911 (general administration).
Chittenden, A. K.....	Forest examiner.....	To Concord, N. H., and New Haven, Conn. (Sept. 15-30, 1910.)	Study of white pine.....	104. 10	General expenses, Forest Service, 1911 (management of forests).
Do.....	Forest inspector.....	To various points in the New England States. (Mar. 15-17, 1911.)	Work in connection with purchase of lands in White Mountains.	39. 15	Acquisition of lands for protection of watersheds of navigable streams.

Do.....	To various points in New Hampshire. (May 27-June 4, 1911.)	Inspection of work of examination of lands under the Weeks law.	43.75	Do.
Do.....	To various points in New Hampshire. (June 21-30, 1911.)	Examination of lands under the Weeks law.	40.67	Do.
Clark, E. D.....	To Marion, N. C., and near-by points. (July 19-Nov. 30, 1910.)	Study of the forest conditions of the Piedmont region.	467.58	General expenses, Forest Service, 1911 (management of forests).
Do.....	To Morristown, Tenn., and other points in the State of Tennessee. (Dec. 6, 1910-Apr. 30, 1911.)	Cooperative work with the State Geological Survey, Tennessee, in the study of second-growth hardwoods.	215.62	Do.
Do.....	To various points in Maine, New Hampshire, and other New England States. (May 9-28, 1911.)	Examination of lands under the Weeks law.	171.30	Acquisition of lands for the protection of watersheds of navigable streams.
Do.....	To Edinburg, Va., and other points in Virginia and West Virginia. (June 26-30, 1911.)	.....do.....	199.22	Do.
Clark, E. V.....	To various points in South Carolina and adjoining States. (May 1-31, 1911.)	.....do.....	34.68	Do.
Clapp, E. H.....	To Albuquerque, N. Mex. (July 1-25, 1911.)	Returning to station after detail on special work to the Washington office.	86.33	General expenses, Forest Service, 1911 (general administration).
Cohon, A. E.....	To Portland, Oreg. (February, 1911.)	Returning to station after detail to Washington.	48.93	General expenses, Forest Service, 1911 (market and miscellaneous).
Cox, Wm. T.....	To Ogden, Utah; New Castle, Wyo., and district and forest headquarters throughout the West and points in Wisconsin. (July 8-Oct. 31, 1910.)	Inspecting and supervising silvicultural work on the national forests. (2) Looking into the possibility of allowing sheep upon range in the Black Hills National Forest. (3) Looking into the possibility of doing extensive reforestation work over land on the plateau of the Caribou National Forest. (4) Inspecting marking done on the Menominee Indian Reservation, Wis.	843.39	General expenses, Forest Service, 1911 (management of forests).
Do.....	To Albuquerque, Flagstaff, and the experiment station in vicinity; to various points on the Coconino and Tusayan National Forests and headquarters of and various points in districts 2, 4, and 5. (Mar. 4-Apr. 5, 1911.)	Instruction as to method of reconnaissance work, discussion of technical and administrative matters relating to silviculture and inspection of experiment stations and silvicultural work in general.	375.44	Do.
Dana, S. T.....	To Missoula, Helena, and other points in Montana and district 1. (July 1-Nov. 24, 1910.) (Trip begun in fiscal year 1910.)	Investigative work, particularly the study of commercially important forest trees.	602.22	Do.
Do.....	To various points in districts 3, 5, and 6. (June 9-30, 1911.) (Trip not completed in fiscal year 1911.)	Study of sowing and planting experiments..	151.75	Do.
Dayton, Wm. A.....	To points in Arizona. (July 1-Nov. 11, 1910.) (Trip begun in fiscal year 1910.)	Forage investigations on the Coconino National Forest.	312.40	General expenses, Forest Service, 1911 (national forest range investigation).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- penditure.	Appropriation.
Dayton, Wm. A.	Plant ecologist.	To San Francisco and various points in district 5; to Wallows, Oreg., and return to San Francisco, and to various points in California and Utah. (May 25-June 4, 1911.)	Grazing studies on the national forests.	\$180.30	General expenses, Forest Service, 1911 (national forest range investigation).
Du Bois, Coort.	Associate district forester.	To San Francisco, Cal., via points in district 3. (Aug. 3-19, 1910.)	Returning to station after detail on special work to the Washington office.	125.00	General expenses, Forest Service, 1911 (general administration).
Dykes, J. W.	Clerk.	To Albuquerque, N. Mex. (April 4-8 1911.)	Change of official station.	72.60	Do.
Fahrenbach, John H.	Forest assistant.	To the Flume House, N. H., and other points in the New England States. (June 24-30, 1911.)	Examination of lands under the Weeks law.	27.02	Acquisition of lands for protection of watersheds of navigable streams.
Fleming, Chas. E.	Plant ecologist.	To Denver and Saguache, Colo. (July 1-Oct. 1, 1910.) (Trip begun in fiscal year 1910.)	Experimental work in connection with the grazing of sheep and lambs within inclosures.	189.58	General expenses, Forest Service, 1911 (National Forest range investigation).
Do.	do.	To various points in districts 1 and 4. (Apr. 20-June 30, 1911.)	Investigations of national forest range conditions.	182.85	Do.
Fletcher, E. D.	Forest examiner.	To points in the New England States. (Mar. 15-Apr. 16, 1911.)	To make an ownership map of the White Mountain regions.	122.61	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	To various points in Maine and New Hampshire. (Apr. 20-May 31, 1911.)	Land examination under the Weeks law.	90.81	Do.
Do.	do.	To various points in New Hampshire. (June 21-30, 1911.)	do.	131.82	Do.
Flory, C. H.	Assistant district forester.	To Portland, Oreg. (January 1911.)	Returning to official station after detail to Washington.	51.05	General expenses, Forest Service, 1911 (general administration).
Foster, J. H.	{ Assistant chief, State and private cooperation.	{ To Gladstone, N. J., and Littleton, N. H. (Sept. 21-Oct. 3, 1910.)	Preliminary examination of forest lands under cooperative agreement.	2.01	General expenses, Forest Service, 1911 (management of forests).
Do.	do.	To Pittsburgh, Pa. (Oct. 8-Dec. 31, 1910.)	To start an examination of the watersheds of the Allegheny and Monongahela Rivers in the States of New York, Pennsylvania, and West Virginia.	30.90	Cooperative work, forest investigations.
				317.66	Do.

Do.....	do.....	To points in Virginia. (May 13-16, 1911.)	Conference with farmers on cooperation on their wood lots.	13.70	General expenses, Forest Service, 1911 (management of forests).
Do.....	do.....	To Concord, N. H. (May 17-24, 1911.).	Conference with the governor of New Hampshire concerning cooperative work.	48.35	Do.
Do.....	do.....	To Columbia, S. C., and vicinity (June 8-12, 1911.)	Examination of tract of State land in cooperation with State forester of Connecticut.	47.40	Do.
Frothingham, E. H.....	Forest assistant.....	To New Haven, Conn. (July 1 to Oct. 13, 1910; trip begun in fiscal year 1910.)	Examination of forest conditions in cooperation with State forester of Connecticut.	318.08	Do.
Do.....	do.....	To New Haven, Conn. (Mar. 8-10, 1911.)	For conference on cooperative work with Connecticut State officers.	26.70	Do.
Garnett, H. W.....	Agent.....	To various points in North Carolina, Virginia, and other Southern States. (May 19-31, 1911.)	Examination of lands under the Weeks law.	14.70	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	do.....	To Wallalla, S. C., and other points in the South. (June 23-26, 1911.)	.....do.....	13.90	Do.
Goode, R. H.....	Forest assistant.....	To Andrews, N. C., and near-by points. (June 6-18, 1911.)	.....do.....	22.95	Do.
Graves, A. H.....	Expert.....	To Great Falls and Fairfax, Va.; Glen Echo, Baltimore, Emory Grove, and Owings Mills, Md.; Baltimore, Cherry Grove, Lanham, Md. (July 1-7, 1910.)	Report on diseases affecting scrub pine, yellow poplar, chestnut, and red oak.	28.60	General expenses, Forest Service, 1911 (management of forests).
Do.....	do.....	To New Haven Conn., and Tallulah Falls, Ga., and places in the Appalachian Mountain region. (July 7-Oct. 1, 1910.)	Investigative work on the diseases affecting scrub pine, yellow poplar, chestnut, and red oak, and a general pathological survey of the Southern Appalachian region.	339.24	Do.
Graves, H. S.....	Forester.....	To district headquarters and national forest headquarters throughout the West. (July 16-Sept. 10, 1910.)	Inspection of district offices and national forests.	694.13	General expenses, Forest Service, 1911 (general administration).
Do.....	do.....	To San Francisco and points in district 5. (Mar. 14-Apr. 18, 1911.)	Administrative inspection in district 5.	369.05	Do.
Greeley, W. B.....	Assistant forester.....	To Chicago, Forro, Missoula, Portland, San Francisco, Albuquerque, Ogden, Denver, and such travel to and from the various district headquarters as may be necessary. (June 16-30, 1911; trip not completed in fiscal year 1911.)	Silvicultural inspection and administration.	82.05	General expenses, Forest Service, 1911 (management of forests).
Hall, R. C.....	Forest assistant.....	To Nashville, Tenn. (Oct. 28, 1910.).	Preliminary examination of forest conditions in Tennessee in cooperation with the State geological survey.	.....	(Expense paid by State of Tennessee.)
Do.....	do.....	To Philopolis, Md. Approximately 4 trips. (Feb. 16-28, 1911.)	Study of local forest conditions.	4.93	General expenses, Forest Service, 1911 (management of forests).
Do.....	do.....	To Newport, R. I., and Saundertown Military Reservation. (Mar. 11-30, 1911.)	Tree planting on Newport Training Station grounds and inspection of experimental planting on the Saundertown Military Reservation in cooperation with the War Department.	11.51	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Hall, R. C	Forest assistant.....	To various points in Georgia, South Carolina, and other Southern States. (May 1-June 30, 1911.)	Land examination under the Weeks law.....	\$345.94	Acquisition of lands for protection of watersheds of navigable streams.
Hall, Wm. L.....	Assistant forester.....	To various points in North Carolina, Georgia, and Tennessee. (May 16-26, 1911.)	Supervision of examination of lands under the Weeks law.	73.44	Do.
Harrison, D. C.....	Topographer.....	Beltsville, Md. (Sept. 26-Oct. 15, 1910; 17 trips.)	To survey Government farm.....	6.65	General expenses, Bureau of Animal Industry, 1911 (administrative expenses).
Holmes, J. S.....	Forest examiner.....	To Greensboro, N. C. (June 26, 1911.)	Change of official station.....	9.35	General expenses, Forest Service, 1911 (management of forests).
Hoskins, W. E.....	Agent.....	To Georgia, South Carolina, and other Southern States. (May 10-13, 1911.)	Examination of lands under the Weeks law.	36.02	Acquisition of lands for protection of watersheds of navigable streams.
Ingall, O. D.....	Forest agent.....	To Pittsburgh, Pa. (Oct. 16-Dec. 18, 1910.)	To start an examination of the watersheds of the Allegheny and Monongahela Rivers in the States of New York, Pennsylvania, and West Virginia.	263.03	Cooperative work, forest investigations.
Do.....	Forest assistant.....	To various points in Georgia, South Carolina, and other Southern States. (May 1-June 30, 1911.)	Land examination under the Weeks law.....	113.70	Acquisition of lands for protection of watersheds of navigable streams.
Jackson, E. R.....	Expert.....	To Philadelphia, Md., 3 trips. (Mar. 11, 31, 1911.)	Study of local forest conditions.....	5.78	General expenses, Forest Service, 1911 (market and miscellaneous investigations).
Jardine, J. T.....	Inspector of grazing.....	To various points in Districts 1, 4, and 6. (July 1-Oct. 22, 1910; trip begun in fiscal year 1910.)	Investigating range conditions on the national forests and preparing plans for reseeding.	530.45	General expenses, Forest Service, 1911 (national forest range investigation).
Do.....	do.....	To Parkersburg, W. Va.; Chicago, Ill.; St. Paul, Minn.; Missoula, Mont.; and other points in district 1. Portland, Oreg.; Seattle, Wash; and other points in district 6. San Francisco and Los Angeles, Cal.; Albuquerque, N. Mex.; and other points in district 3. (Mar. 1-June 28, 1911.)	Range reconnaissance, grazing studies, experimental investigations in pasturing, lecturing, etc.	613.09	Do.

Kelleter, P. D.	Forest supervisor	From Denver to Washington and return. (Nov. 17, 1910-Jan. 22, 1911.)	Temporary detail to Washington and return.	200. 20	General expenses, Forest Service, 1911 (general administration.)
Kneipp, L. F.	Assistant forester	To various points in districts 2 and 4. (July 1-Sept. 15, 1910; trip begun in fiscal year 1910.)	Conference with forest supervisors and district officers concerning the advisability of allowing grazing on certain forests, and investigation of grazing complaints.	517. 45	Do.
Do.	do.	To Salt Lake City, Ogden, Portland, and various points in district 6; Missoula, Mont., and various points in district 1; Ogden, and various points in district 4. (Mar. 13-June 16, 1911.)	Tour of inspection of grazing fields and of grazin, records at headquarters of the districts named, and at forest headquarters	705. 63	Do.
Lamb, Geo. N.	Scientific assistant	To Indianapolis, Lexington, Pittsburgh, St. Louis and vicinity. (July 1-Sept. 30, 1910.)	Investigations in basket-willow culture.	117. 58	General expenses, Forest Service, 1911 (management of forests)
Do.	do.	To Trenton, Allentown, and other points in New Jersey, Philadelphia and vicinity. (Oct. 3-Dec. 5, 1910.)	Selection and preparation of sites for basket-willow culture.	37. 85	Do.
Do.	do.	To Ames, Iowa, and St. Louis, Mo. (Jan. 17-26, 1911.)	Collection of cuttings for experimental basket-willow work.	31. 50	Do.
Do.	do.	To State Experiment Station, Blacksburg, Va. (Mar. 23-31, 1911.)	Cooperative willow planting.	36. 90	Do.
Do.	do.	To Trenton and New Lisbon, N. J., and points in vicinity (which de-tour to Harrisburg, Pa., en route Washington to Trenton). (Apr. 4-June 20, 1911.)	do.	72. 46	Do.
Lamb, Wm. H.	Scientific assistant on forest distribution.	To Lincoln and the University of Nebraska. (June 21-30, 1911.)	Compilation on the geographical distribution of Rocky Mountain trees.	66. 35	Do.
Leavitt, Clyde.	Forest inspector.	To points in Georgia and South Carolina. (Apr. 19-June 2, 1911.)	Examination of lands for sale under the Weeks law.	291. 03	Acquisition of lands for protection of watersheds of navigable streams.
Do.	do.	To Knoxville, Tenn., Blue Ridge, Ga., and other points in the South. (June 22-26, 1911.)	Examination of lands under the Weeks law.	43. 42	Do.
Lee, A. I.	Agent.	To various points in Georgia, South Carolina, and other Southern States (May 2-4, 1911.)	do.	19. 99	Do.
Lees, Fred.	Law clerk.	To San Francisco and points in California (May 6-June 30, 1911.)	Special detail to assist in legal work of the Forest Service in district 5.	359. 77	General expenses, Forest Service, 1911 (general administration).
McVean, M. J.	Clerk.	To San Francisco and points within district 3. (Jan. 9-Mar. 14, 1911.)	Inspection of claims cases and lands work generally	438. 25	Do.
Mangan, W. J.	Law examiner.	To Denver, Colo., and other points in district 2. (July 25-Oct. 14, 1910.)	Temporary assignment to the office of lands, Denver, Colo.	451. 95	Do.
Meekham, H. S.	Forest expert.	Beltsville, Md. (Sept. 26-Oct. 23, 1910; 22 trips.)	To survey Government experiment station.	9. 50	General expenses, B. A. I., 1911. (administrative expenses).
Mell, C. D.	Forest assistant.	To Norfolk, Va., and Elizabeth City, N. C., and points in their vicinity. (Aug. 28-Sept. 3 1910.)	Collecting samples of southern hard and green woods.	27. 30	General expenses, Forest Service, 1911 (management of forests).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Mell, C. D.	Forest assistant	To various points in Florida. (Feb. 10-Mar. 15, 1911.)	Collecting specimens of Florida commercial woods for microscopic study.	\$219.71	General expenses, Forest Service, 1911 (management of forests).
Merritt, Robt. C.	do.	To various points in North Carolina, Virginia, and other Southern States, (May 19-June 30, 1911.)	Examination of lands under the Weeks law.	132.87	Acquisition of lands for protection of watersheds of navigable streams.
Moore, W. M.	do.	To Marion, N. C., and local travel. (July 19, 1910-Jan. 15, 1911.)	Study of the forest conditions of the Piedmont region.	479.68	General expenses, Forest Service, 1911 (management of forests).
Moran, R. H.	Agent.	To various points in Georgia, South Carolina, and other Southern States. (May 1-31, 1911.)	Land examination under the Weeks law.	36.20	Acquisition of lands for protection of watersheds of navigable streams.
Murphy, L. S.	Forest examiner	To Fort Washington, Md. (July 8-Aug. 1, 1910.)	To make an examination of the Fort Washington woodland for the purpose of determining the advisability of establishing permanent sample-plot areas for the study of growth and other silvicultural conditions by the Forest Service.	63.10	General expenses, Forest Service, 1911 (management of forests.)
Do.	do.	To Boston and points in Maine, Massachusetts, New York, New Hampshire, and Vermont. (Aug. 18-Oct. 31, 1910.)	Study of second-growth red spruce of northern New England and the State of New York.	234.62	Do.
Do.	do.	To Fort Niagara Military Reservation, N. Y. (Nov. 30-Dec. 11, 1910.)	To advise the commanding officer as to care and preservation of wooded parts of the reservation.	.....	(Expenses reimbursed by War Department, \$31.65.)
Do.	do.	To Dover, N. J., New York City, Boston, and other points in New Jersey, New York, and the New England States. (May 15-June 30, 1911.)	Silvicultural conferences and studies and the collection of data on red-spruce growth.	123.56	General expenses, Forest Service, 1911 (management of forests)
Peters, J. G.	(Chief, office of State and private cooperation.	To points in New York and Pennsylvania. (July 1-Aug. 22, 1910: trip begun in fiscal year 1910.)	Examinations of private forest lands, inspection of work on private lands, and conferences with State forest officials.	141.02	Do. { Cooperative work, forest investigations
Do.	do.	To Atlanta, Ga., and points in North Carolina. (Oct. 5-11, 1910.)	To give an address before the Southern Conservation Congress at Atlanta and to inspect the field work being done by the Forest Service in North Carolina.	50.00 } 72.10	General expenses, Forest Service, 1911 (management of forests.)

Do.....	To Neopit, Wis., and Nashville, Tenn. (Oct. 17-Nov. 2, 1910.)	To assist in marking timber on the Menominee Indian Reservation at the request of the Indian Office and to arrange for an examination of forest conditions in Tennessee. To represent the Forest Service at the Dominion Forestry Convention Jan. 18 to 20, 1911.	40.65	\$53.65 additional expended and repaid by Indian Office.
Do.....	To Quebec, Canada. (Jan. 16-22, 1911.)	To represent the Forest Service at the Southern Commercial Congress and address the forests section.	80.55	General expenses, Forest Service, 1911 (management of forests). Do.
Do.....	To Atlanta, Ga. (Mar. 9-12, 1911).....	To represent the Forest Service at the Southern Commercial Congress and address the forests section.	41.55	Do.
Pierson, A. H.....	To Allentown, Pa., New York City, intermediate points to Boston, Portland, Me., and various points in New England, New York, and Pennsylvania. (May 25-June 20, 1911.)	Collecting reports from firms delinquent in cooperation on wood distillation.	168.94	General expenses, Forest Service, 1911 (forest products).
Do.....	To Bluefield, W. Va.; Louisville, Ky., via Kenova, W. Va., and Winchester, Ky.; Knoxville, Nashville, and Memphis, Tenn.; Wynne and Jonesboro, Ark.; St. Louis, Mo. (June 23-30, 1911.)	To obtain reports from delinquent co-operators in veneer and tight cooerage stock.	74.60	Do.
Plummer, F. G.....	To points in California and Utah. (July 1-Aug. 11, 1910; trip begun in fiscal year, 1910.)	Consultation with the Forester, district foresters, and chiefs of branches in relation to geography, statistics, and planting operations.	243.07	General expenses, Forest Service, 1911 (market and miscellaneous investigations).
Potter, A. F.....	To Denver, Pueblo, Albuquerque, San Francisco, Ogden, Portland, and Missoula, and points in the various districts. (Sept. 17-Dec. 6, 1910.)	General administration and field investigation.	628.60	General expenses, Forest Service, 1911 (general administration).
Do.....	To Denver, Ogden, and points in the Black Hills and Harney Forests. (June 5-30, 1911; trip not completed in 1911.)	Grazing studies on the Black Hills and Harney Forests.	200.10	Do.
Rhoades, Verne.....	To points in North Carolina. (Mar. 17-Apr. 13, 1911.)	Making ownership map of the Pisgah, Smoky Mountains, and Nantahala areas of the Appalachians.	97.85	Acquisition of lands for protection of watersheds of navigable streams.
Do.....	To various points in North Carolina and Tennessee. (Apr. 19-June 11, 1911.)	Land examination under the Weeks law.....	179.96	Do.
Do.....	To Asheville, N. C., Walhalla, S. C., and other points in the Southern States. (June 23-30, 1911.)	.....do.....	99.72	Do.
Roak, J. C.....	To Georgia, South Carolina, and other sections of the Southern States. (May 9-31, 1911.)	.....do.....	33.65	Do.
Russell, H. L.....	To Edinburg, Va., and points in Virginia and West Virginia. (June 24-30, 1911.)	.....do.....	11.63	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Sampson, A. W.....	Plant ecologist.....	To Flagstaff, San Francisco, and various points in districts 2, 3, 5, and 6, (July 1, 1910-Jan. 9, 1911; trip begun in fiscal year 1910).	Experimental work on Wallowa National Forest; conference with district foresters with regard to experimental range investigations.	\$431. 76	General expenses, Forest Service, 1911 (national forest range investigations).
Do.....	do.....	To San Francisco, and points in district 5; to Portland, Oreg., and points in district 6; San Francisco again and points in district 5; various points in Utah and Colorado. (May 19-June 27, 1911.)	Grazing studies and investigation of range conditions.	248. 91	Do.
Simmons, R. E.....	Expert.....	To Cory, Pa., and neighboring points. (June 1-22, 1911.)	To initiate experiments in the utilization of hardwood mill waste.	140. 68	General expenses, Forest Service, 1911 (forest products).
Sterrett, W. D.....	Forest assistant.....	To Worcester County, Md., and points in Pennsylvania and the New England States. (July 1-22, 1910; trip begun in fiscal year 1910.)	Remeasuring permanent sample plots.....	95. 59	General expenses, Forest Service, 1911 (management of forests).
Do.....	do.....	To Neopit, Wis. (Oct. 18-Nov. 7, 1910.)	To assist in marking timber on the Menominee Indian Reservation, at the request of the Indian Office.	.....	\$70.60 expenses paid by Indian Office.
Do.....	do.....	To Snow Hill, Md., and points in vicinity; Charleston, S. C., and points in vicinity. (Nov. 12-Dec. 12, 1910.)	Remeasurement of sample plots.....	190. 34	General expenses, Forest Service, 1911 (management of forests).
Do.....	do.....	To various points in New Hampshire, Vermont, New York, Connecticut, and Pennsylvania. (Apr. 22-June 30, 1911.)	do.....	315. 85	Do.
Sudworth, Geo. B.....	Assistant forester.....	To Annapolis, Md., Waynesboro, Shippensburg, Greencastle, Mercersburg, Pa., and various points in Carroll, Frederick, Washington, Alleghany and Garrett Counties Md., and Jefferson, Berkeley, and Morgan Counties, W. Va. (July 25-Aug. 8, 1910.)	Obtaining data for dendrological work and assembling dendrological data.	20. 89	Do.
Do.....	do.....	To various points in Ohio, Indiana, Illinois, Michigan, Wisconsin, and districts 1 and 6. (Sept. 4-Dec. 3, 1910.)	Investigation into growth, characters, geographical distribution, and occurrence of little known broadleaved and coniferous forest-tree species, to illustrate and describe a work on North American trees.	528. 98	Do.

Do.....	To various points in Georgia and Florida. (Jan. 3-18, 1911.)	Study of systems of turpentine.....	\$127.15	General expenses, Forest Service, 1911 (management of forests).
Do.....	To Columbus, Ohio. (Jan. 31-Feb. 3, 1911.)	To attend the annual meeting of the American Breeders' Association as a representative of the Department of Agriculture by direction of the Secretary.	45.90	Do.
Swan, O. T.....	Forest assistant.....	To confer with assistant forester at Madison and chief of wood utilization at Chicago on matters pertaining to the annual publication on forest products.	65.00	General expenses, Forest Service, 1911 (forest products).
Do.....	To various points in Pennsylvania, New Jersey, and New York. (May 29-June 17, 1911.)	Conference with delinquent cooperative firms to obtain information as to equipment of tannin-extract plants, and to arrange for cooperative experiments in the utilization of wood waste.	115.16	Do.
Volkmar, A. C.....	Agent.....	Examination of lands under the Weeks law.	81.02	Acquisition of lands for protection of watersheds of navigable streams.
Williamson, A. W.....	Forest assistant.....	Study of second-growth cottonwood.....	414.88	General expenses, Forest Service, 1911 (management of forests).
Withington, G. J.....	Field assistant.....	Land examination under the Weeks law.....	39.09	Acquisition of lands for protection of watersheds of navigable streams.
Woodward, K. W.....	Forest examiner.....	.....do.....	40.40	Do.
Do.....	To various points in Maryland, Virginia, and West Virginia. (Apr. 20-May 5, 1911.)	.....do.....	40.51	Do.
Do.....	To Maine, New Hampshire, and other New England sections. (May 2-19, 1911.)	.....do.....	144.17	Do.
Woodsey, T. S., jr.....	Assistant district forester.	Detail for special work at the Washington office.	309.70	General expenses, Forest Service, 1911 (management of forests).
Zon, Raphael.....	Chief of silvics.....	(1) Inspection of the marking of timber done by the Forest Service on the Menominee Indian Reservation. (2) To study the reproduction of white and red pine on the areas of the Minnesota National Forest previously cut over under the act of June 27, 1902. (3) Inspection of the investigation work being conducted on national forests.	721.86	Do.
Do.....	To Pensacola, Tampa, Miami, Fort Myers, Tallahassee, and other points in the State of Florida. (Nov. 26-Dec. 10, 1910.)	Selection of lands for eucalypts in cooperation with the State of Florida and the Tampa and Miami Boards of Trade.	147.34	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

FOREST SERVICE Continued

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Zon, Raphael.....	Chief of slaves.....	To Pensacola and various points in the Choctawhatchee and Ocala National Forests, the eucalypt plantations at Tampa and Fort Lauderdale and neighboring points, Fla., and Summerville, S. C. (June 15-29, 1911.)	Study of eucalypts and inspection of the South Carolina Experiment Station at Summerville.	\$96.50	General expenses, Forest Service, 1911 (management of forests).

BUREAU OF CHEMISTRY.

Anderson, John F.....	Assistant director, Public Health and Marine-Hospital Service, Treasury Department.	Trenton, N. J. (Mar. 20-24, 1911)....	Appearing as a witness at the trial of a case arising under the food and drugs act.	\$37.95	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses.)
Bacon, R. F.....	Assistant chemist.....	Philadelphia, Pa. (Mar. 13, 1911).....	do.	11.90	Do.
Do.....	do.....	Philadelphia, Pa., Trenton, N. J. (Mar. 19-24, 1911.)	Conferring with the United States attorney at Philadelphia and appearing as a witness at Trenton, N. J., in a case arising under the food and drugs act.	33.94	Do.
Do.....	do.....	Keokuk, Iowa. (Apr. 9-15, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	82.10	Do.
Do.....	do.....	Omaha, Neb. (Apr. 18-23, 1911).....	do.	87.90	Do.
Do.....	do.....	Various points in the States of Massachusetts and New Jersey. (May 31-June 25, 1911.)	Conducting investigations relative to the manufacture of gelatine.	57.68	Do.
Bailey, H. S.....	Chief of the oil, fat, and wax laboratory.	New York, N. Y. (June 6-10, 1911)....	Attending as a representative of the Bureau of Chemistry and the department a meeting of the Society of Cotton Products Analysts.	23.40	Do.
Do.....	do.....	Chicago, Ill. (June 22-30, 1911).....	Assisting the chief of the Chicago laboratory in the removal of the laboratory equipment from previous quarters to the premises now occupied by the Chicago Food and Drug Inspection Laboratory.	81.99	Do.
Barber, K. G.....	Micro analyst.....	Chattanooga, Tenn. (Dec. 3-10, 1910).	Appearing as a witness at the trial of a case arising under the food and drugs act.	69.85	Do.

Do.....	Do.....	To points in the States of Wisconsin, Illinois, and Missouri. (Mar. 21-Apr. 16, 1911.)	Making a study of malt and malt by-products as to their uses as cattle food in connection with enforcement of food and drugs act.	170.85	Do.
Do.....	Do.....	New York, Philadelphia, and Baltimore. (May 7-15, 1911.)	To obtain information relative to importation of insect flowers and investigate methods of manufacturing insect powder therefrom.	63.41	Enforcement of the insecticide act, 1911.
Bates, Carleton.....	Assistant bacteriologist.	To points within the States of New York, Pennsylvania, Michigan, Illinois, Wisconsin, Iowa, Nebraska, Ohio, Kansas, and Missouri. (July 1-Aug. 11, 1910.)	Making microscopical and bacteriological investigations of fresh, desiccated, frozen, and other egg products in connection with the enforcement of the food and drugs act.	352.29	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	Do.....	New York, N. Y. (Oct. 16-23, 1910.)	Making bacteriological examinations of eggs and egg materials.	44.35	Do.
Do.....	Do.....	Chicago, Ill. (Nov. 2-8, 1910.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	76.70	Do.
Do.....	Do.....	Chicago, Ill. (Nov. 11-19, 1910.)	do.....	84.55	Do.
Do.....	Do.....	Hartford, Conn. (Jan. 7-14, 1911.)	do.....	45.05	Do.
Do.....	Do.....	Travel within a radius of 50 miles of New York City. Boston, Mass. (Jan. 14-Feb. 28, 1911; Mar. 1-11, 1911.)	Making bacteriological examinations of import samples and samples entering interstate commerce in connection with the enforcement of the food and drugs act.	206.41	Do.
Do.....	Do.....	Council Bluffs, Iowa. (Mar. 13-19, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	94.30	Do.
Do.....	Do.....	Philadelphia, Pa.; Trenton, N. J. (Mar. 20-24, 1911.)	Conferring with the United States attorney at Philadelphia, Pa., and appearing as a witness at Trenton, N. J., in a case arising under the food and drugs act.	30.80	Do.
Do.....	Do.....	Roanoke, Va. (June 19-24, 1911.)	Appearing as a witness in the trial of a case arising under the food and drugs act.	39.35	Do.
Bidwell, G. L.....	Assistant chemist.	Montgomery, Ala. (Dec. 3-14, 1910.)	Inspecting the treatment of a shipment of "Mais Futier," which was seized in connection with the enforcement of the food and drugs act.	107.90	Do.
Do.....	Do.....	Baltimore, Md. (Mar. 22, 1911.)	do.....	2.65	Do.
Bigelow, W. D.....	Assistant Chief of Bureau and Chief of the Division of Foods.	Kansas City and St. Louis, Mo. (July 1-5, 1910.)	For work in connection with the food and drugs act.	49.50	Do.
Do.....	Do.....	Baltimore, Md., to Philadelphia, Pa. (Sept. 26-27, 1910.)	do.....	16.94	Do.
Do.....	Do.....	Philadelphia, Pa. (Oct. 8, 1910.)	do.....	11.10	Do.
Do.....	Do.....	Travel between Washington, D. C., and New York, Boston, and New Haven, Conn. (Oct. 31-Nov. 22, 1910.)	do.....	65.15	Do.
Do.....	Do.....	To Baltimore, Md.; San Juan, P. R.; and travel within the island of Porto Rico. (Feb. 3-Mar. 23, 1911.)	do.....	241.62	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Designation.	Business or work.	Total expense.	Appropriation.
Bigelow, W. D.	Assistant Chief of Bureau and Chief of the Division of Foods.	New York City, Rochester, N. Y.; Chicago, Ill.; Pittsburgh, Pa. (Apr. 19-May 6, 1911.)	For work in connection with the food and drugs act.	\$71.65	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	St. Louis, Mo., to Indianapolis, Ind. (June 22-30, 1911.)	do.	75.96	Do.
Boyle, Martin.	Assistant chemist.	Various points within the States of Pennsylvania, New York, Ohio, Illinois, Wisconsin, and Missouri. (Sept. 7-28, 1910; Dec. 17, 1910; Feb. 13-17, 1911.)	Studying the manufacture of eggs noodles, macaroni, etc., in connection with the enforcement of the food and drugs act.	249.53	Do.
Do.	do.	New York, N. Y. (Dec. 14-17, 1910.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	22.40	Do.
Do.	do.	Norfolk, Va. (June 5-7, 1911.)	do.	12.20	Do.
Do.	do.	Baltimore, Md. (June 14, 1911.)	do.	2.85	Do.
Breazeale, J. F.	Laboratory assistant.	Dalhart, Tex. (Aug. 20-28, 1910.)	Conferring with the members of the experiment station staffs and with men of the Bureau of Plant Industry of this Department engaged in dry farming investigations, with whom the Bureau of Chemistry is collaborating.	114.85	General expenses, Bureau of Chemistry, 1911 (laboratory miscellaneous expenses).
Bromell, A. W.	Assistant chemist.	New York, N. Y. (Apr. 22-June 30, 1911.)	Assisting in the investigation of essential oils imported through the port of New York, in connection with the enforcement of the food and drugs act.	140.17	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Bryan, A. H.	Chief of the sugar laboratory.	To various points in the States of Indiana, Ohio, Pennsylvania, Maryland, New York, Vermont, New Hampshire, Maine, and the Dominion of Canada. (Apr. 15-29, 1911.)	Conducting investigations of the maple sugar industry. Consisting of the analysis of maple sap, sugar, and sirup, and the manufacture of the latter on a small scale from fresh and sour sap, in order to discover the chemical differences arising, if any, in the product.	80.65	General expenses, Bureau of Chemistry, 1911 (laboratory miscellaneous expenses).
Chace, E. M.	Assistant Chief of the Division of Foods.	Chicago, Ill. (Nov. 13-16, 1910.)	Appearing as a witness in the trial of a case arising under the food and drugs act.	56.20	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).

Do.....	do.....	San Antonio, Tex.; New Orleans, La.; Galveston, Tex. (Jan. 5-16, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act, and conferring with the chiefs of the New Orleans and Galveston Food and Drug Inspection Laboratories.	145. 60	Do.
Do.....	do.....	Chicago, Ill. (Feb. 23-26, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	57. 11	Do.
Do.....	do.....	New Orleans, La.; Nashville, Tenn.; Cincinnati, Ohio. (Mar. 28-Apr. 9, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act in New Orleans, and consulting with the chiefs of the New Orleans and Cincinnati food and drug inspection laboratories in regard to analytical work in connection with the enforcement of the food and drugs act.	112. 75	Do.
Chesnut, V. K.....	Assistant chemist.....	Chattanooga, Tenn. (Apr. 2-7, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	60. 85	Do.
Church, C. G.....	Scientific assistant.....	Yuma, Ariz. (July 1-28, 1910.) Imperial, Cal.; Rocky Ford, Colo.; Garden City, Kans.; Decker, Ind.; Fayetteville, Tenn.; Salisbury, Md.; Hartford, Conn.; Hockanum, Conn.; and to perform travel within 100 miles of these places. (July 1-28, 1910.)	Conducting experiments and making a study of the effects of environment on cantaloupes.	666. 63	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	do.....	Gainesville, Fla.; Tampa, Fla.; Auburn, Ala.; Experiment, Ga.; and travel within 100 miles of these places. (May 26-June 30, 1911.)	Assisting in the study of the influence of environment upon the chemical composition of cantaloupes.	223. 50	Do.
Clark, C. W.....	Assistant chemist.....	Denver, Colo. (Aug. 31-Sept. 13, 1910.)	For permanent assignment.	62. 00	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	New York, N. Y. (Mar. 7-Apr. 8, 1911.)	Studying the system of inspection in connection with the enforcement of the food and drugs act; in force in the New York laboratories.	75. 00	Do.
Davis, Carrie M.....	Clerk.....	Indianapolis, Ind. (Nov. 15-19, 1910.)	Appearing as a witness in the trial of a case arising under the food and drugs act.	57. 55	Do.
Dodge, C. O.....	Assistant chemist.....	New York, N. Y. (Nov. 2-7, 1910.)	do.....	20. 90	Do.
Douk, M. G.....	Scientific assistant.....	Columbia, S. C. (Jan. 16-20, 1911.)	do.....	43. 20	Do.
Doyle, A. M.....	Chemical aid.....	New York, N. Y. (July 1-Dec. 24, 1910.)	Conducting certain investigations in the analysis of food products in connection with the enforcement of the food and drugs act.	543. 50	Do.
Do.....	do.....	New York, N. Y. (Jan. 22-Mar. 24, 1911.)	Continuing a study of the detection of coloring matter used in food products.	242. 35	Do.
Do.....	do.....	Baltimore, Md. (June 14, 1911.)	Appearing as a witness in the trial of a case arising under the food and drugs act.	3. 00	Do.
Dunbar, P. B.....	Assistant chemist.....	Wheeling, W. Va. (May 1-4, 1911.)	do.....	33. 20	Do.
Do.....	do.....	Various points within the State of Virginia. (June 2-6, 1911.)	Investigation relative to the manufacture of food products.	5. 20	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Dundas, J. M.	Clerk.	Chatanooga, Tenn. (Mar. 8-Apr. 10, 1911.)	Clerical work for members of the bureau attending the Coca Cola trial, looking up references, attending to necessary translations.	\$166.34	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses.
Dunlap, F. L.	Associate chemist, and member of the Board of Food and Drug Inspectors.	New York, N. Y. (July 26-28, 1910)	Work in connection with the enforcement of the food and drugs act.	18.00	Do.
Do.	do.	Boston, Mass. (Sept. 10-17, 1910)	do.	44.11	Do.
Do.	do.	New Orleans, La. (Nov. 25-Dec. 4, 1910.)	do.	97.90	Do.
Do.	do.	New York, N. Y. (Jan. 24-31, 1911.)	do.	43.16	Do.
Do.	do.	Baltimore, Md. (Feb. 2, 1911)	do.	1.90	Do.
Do.	do.	Baltimore, Md. (Mar. 7, 1911)	do.	4.00	Do.
Do.	do.	New York, N. Y. (July 8-11, 1910)	do.	25.39	Do.
Do.	do.	Baltimore, Md. (Apr. 12, 1911)	do.	3.75	Do.
Do.	do.	Baltimore, Md. (June 14, 1911)	do.	3.05	Do.
Ealon, E. O.	Assistant chemist.	Las Vegas, N. Mex. (Nov. 16-28, 1910.)	do.	159.30	Do.
Do.	do.	Wheeling, W. Va. (May 1-3, 1911)	Appearing as a witness at the trial of a case arising under the food and drugs act.	32.55	Do.
Emery, W. O.	Chief of the synthetic products laboratory.	Chicago, Ill. (Nov. 2-3, 1910)	do.	24.00	Do.
Do.	do.	Chicago, Ill. (Feb. 21-Mar. 2, 1911)	do.	87.70	Do.
Do.	do.	Chatanooga, Tenn. (Mar. 9-Apr. 7, 1911.)	do.	187.38	Do.
Do.	do.	New York, N. Y. (Apr. 10-11, 1911)	do.	17.50	Do.
Do.	do.	New York, N. Y. (Apr. 23-25, 1911.)	do.	23.05	Do.
Fuller, H. C.	Assistant chemist.	Boston, Mass. (Buffalo, N. Y.; New York, N. Y.; Pittsburgh, Pa. (Aug. 11-Oct. 12, 1910.)	Assisting in the analysis of drug samples in connection with the enforcement of the food and drugs act, and consulting the members of the food and drug inspection laboratories relative thereto.	211.75	Do.
Do.	do.	Chicago, Ill. (Nov. 1-6, 1910)	Appearing as a witness at the trial of a case arising under the food and drugs act.	68.55	Do.
Do.	do.	New York, N. Y. (Nov. 14-17, 1910)	do.	33.15	Do.
Do.	do.	New York, N. Y. (Nov. 20-22, 1910)	do.	18.30	Do.
Do.	do.	New York, N. Y. (Nov. 24-30, 1910)	do.	45.60	Do.
Do.	do.	Chicago, Ill. (Feb. 21-Mar. 2, 1911)	do.	88.00	Do.
Do.	do.	Chatanooga, Tenn., and points within the State of Tennessee. (Mar. 9-Apr. 7, 1911.)	do.	188.05	Do.

Do.....	do.....	New York, N. Y. (Apr. 10-11, 1911).	do.....	17. 40	Do.
Do.....	do.....	New York, N. Y. (Apr. 23-25, 1911).	do.....	23. 60	Do.
Do.....	do.....	Wheeling, W. Va. (May 1-3, 1911).	do.....	34. 15	Do.
Given, A.....	do.....	Various points in the States of Maryland and Ohio. (Feb. 26-Mar. 18, 1911.)	Assisting in the work of the maple-sugar investigations, consisting of the analysis of maple sap and the manufacture of maple sirup on a small scale from fresh and sour sap so as to study the chemical differences, if any, in the product. Conducting experiments relative to the manufacture of cider vinegar.	49. 10	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Goodnow, E. H.....	do.....	Benton Harbor, Mich. (July 1-19, 1910.)		85. 22	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Albion, N. Y. (Dec. 19-20, 1910).....	Making arrangements for continuing experimental work in the manufacture and preparation of vinegar.	15. 49	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	do.....	Albion, N. Y., and travel within the State of New York. (Jan. 12-Apr. 12, 1911.)	Investigating the chemical composition of cider vinegar and studying the chemical changes taking place in cider treated in the quick-process generators. Appearing as witness at trial of a case arising under food and drugs act.	230. 34	Do.
Do.....	do.....	Trenton, N. J. (May 22-23, 1911).....		15. 55	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	St. Paul and Minneapolis, Minn. (June 25-30 1911.)	Conferring with the United States attorney, and appearing as a witness at the trial of a case arising under food and drugs act.	68. 62	Do.
Hale, Worth.....	Technical assistant Public Health and Marine-Hospital Service, Treasury Department.	Chattanooga, Tenn. (Mar. 13-Apr. 1, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	127. 76	Do.
Haywood, J. K.....	Chief of miscellaneous laboratory.	Anaconda, Mont., points in northern California, San Francisco, Cal. (Aug. 2-31, 1910.)	Making examinations of conditions surrounding the Washoe Smelter, inspecting devices intended to prevent fume injury, and inspecting other smelters that may be using fume eradicators, in connection with the work relative to injuries by smelter fumes. Appearing as a witness at the trial of a case arising under the food and drugs act.	407. 45	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses.)
Do.....	do.....	Montgomery, Ala. (Dec. 11-15, 1910)...		71. 80	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Indianapolis, Ind. (May 24-28, 1911)...	Attending a meeting of the executive committee of the Association of Food Control Officials, as a representative of the Department of Agriculture.	56. 70	Do.

After Dr. Emery left Washington for Chicago, the bureau was notified that he would not be needed in Chicago. He was therefore recalled while en route.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Haywood, J. K.....	Chief of miscellaneous laboratory.	Baltimore, New York, and Boston. (June 26-30, 1911.)	To inspect insecticide and fungicide manufacturing plants with reference to processes of manufacture.	\$50.45	Enforcement of the insecticide act, 1911.
Hillyer, W. E.....	Assistant chemist.....	Wheeling, W. Va. (May 1-4, 1911)....	Appearing as witness at trial of a case arising under food and drugs act.	33.40	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Hoover, G. W.....	Chief of drug inspection laboratory.	Baltimore, Md.; Richmond, Petersburg, Newport News, and Norfolk, Va.; Newbern, S. C.; Savannah and Atlanta, Ga.; Tampa and Pensacola, Fla.; Chattanooga and Nashville, Tenn.; Cincinnati and Dayton, Ohio; Detroit, Mich. Pittsburgh, Pa. (Sept. 15-Oct. 15, 1910.)	Conferring with Treasury officials at the various nonlaboratory ports and other ports of entry regarding inspections, etc.; and conferring with the chiefs of the branch laboratories in regard to handling the import and interstate drug samples.	228.28	Do.
Do.....	do.....	Baltimore, Md. (Apr. 27-May 4, 1911).	Inspecting importations of drugs offered for entry at that point.	3.40	Do.
Houghton, H. W.....	Assistant chemist.....	To Fish Commission Station, near Marshall Hall, Md. (Apr. 6-May 2, 1911.)	Obtaining samples of shad for experimental purposes, in connection with the enforcement of the food and drugs act.	4.53	Do.
Do.....	do.....	Philadelphia, Pa. (May 22-27, 1911)...	Assisting in the investigation of dried and frozen eggs in connection with the enforcement of the food and drugs act.	32.42	Do.
Do.....	do.....	Omaha, Nebr. (June 5-30, 1911)....	do.....	89.05	Do.
Howard, B. J.....	Chief of the micro-chemical laboratory.	Various points within the States of Maryland, New Jersey, Delaware, New York, Pennsylvania, Virginia, West Virginia, Indiana, Illinois, Ohio, Michigan, and Kentucky. (July 29-Oct. 6, 1910; Nov. 30-Dec. 27, 1910; Apr. 27-June 30, 1911.)	Conducting investigations regarding the manufacture of certain food products, in connection with the enforcement of the food and drugs act.	242.16	Do.
Do.....	do.....	Cincinnati, Ohio. (Oct. 9-11, 1910)....	Appearing as a witness at the trial of a case arising under the food and drugs act.	37.15	Do.
Do.....	do.....	Keokuk, Iowa. (Oct. 16-20, 1910)	do.....	65.45	Do.
Do.....	do.....	Philadelphia, Pa.; New York, N. Y. (Nov. 14-21, 1910.)	Making a microscopical examination of figs, in connection with the enforcement of the food and drugs act.	37.79	Do.
Do.....	do.....	Philadelphia, Pa. (Mar. 13, 1911)....	Appearing as a witness at the trial of a case arising under the food and drugs act.	10.35	Do.

Do.	Do.	Philadelphia, Pa. (Mar. 19-20, 1911).	do.	9.20	Do.
Do.	do.	Keokuk, Iowa. (Apr. 9-13, 1911).	do.	68.85	Do.
Do.	do.	Omaha, Nebr. (Apr. 18-21, 1911).	do.	79.50	Do.
Do.	do.	Wheeling, W. Va. (May 1-4, 1911).	do.	30.45	Do.
Hudson, C. S.	Assistant chemist	Minneapolis, Minn. (Dec. 26, 1910-Jan. 2, 1911).	Attending a meeting of the American Chemical Society.	77.55	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Jacobs, B. R.	do.	Philadelphia, Pa.; Trenton, N. J. (Mar. 20-24, 1911.)	Conferring with the United States attorney at Philadelphia and appearing as a witness at Trenton, N. J., in the trial of a case arising under the food and drugs act.	35.75	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	To points in Ohio, Indiana, Kentucky, Illinois, Wisconsin, Michigan, New York, Pennsylvania, Maryland. (Feb. 13-23, and May 3-25, 1911.)	Obtaining authentic samples of graham flour at the mills with the object of making a thorough chemical and physical investigation of this product.	236.96	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Jenkins, Minnie.	Assistant bacteriologist.	Clifton Forge, Va. (Sept. 18-24, 1910).	Making a bacteriological examination of milk and ice cream.	32.35	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	Michigan, Illinois, Indiana, and Wisconsin, from Chicago, Ill. (Oct. 2-23, 1910.)	do.	146.68	Do.
Do.	do.	St. Louis Mo., and within a radius of 50 miles of that city. (Feb. 3-8, 1911.)	Making bacteriological examinations of milk in connection with the enforcement of the food and drugs act.	70.50	Do.
Do.	do.	Chicago, Ill. (Feb. 27-Mar. 11, 1911).	Appearing as a witness at the trial of a case arising under the food and drugs act.	66.30	Do.
Do.	do.	Philadelphia, Pa. (Mar. 20, 1911).	Assisting in the bacteriological work of the food research laboratory in connection with the enforcement of the food and drugs act.	11.05	Do.
Do.	do.	Philadelphia, Pa. (May 25, 1911).	A appearing as a witness at the trial of a case arising under the food and drugs act.	5.43	Do.
Johnson B. D.	Assistant chemist.	Keokuk, Iowa. (Apr. 8-14, 1911).	Collecting evidence, procuring witnesses, testimony, etc., necessary to be used in the prosecution of cases arising under the food and drugs act.	65.70	Do.
Keblor, L. F.	Chief of the Division of Drugs	Travel between Washington, D. C., and St. Louis Mo.; Cincinnati, Ohio, and Cleveland, Ohio, Detroit, Mich., Chicago, Ill., Philadelphia, Pa., New York, N. Y., Atlanta, Ga., Birmingham, Ala., Chattanooga and Nashville, Tenn., Galveston, Tex., Boston, Mass., New Haven, Conn., Baltimore, Md., Memphis, Tenn., Waco, Tex., Dallas and Fort Worth, Tex., Kansas City, Mo., and Kansas City, Kans. (Sept. 22-28; Oct. 2-21; Nov. 1-23; Dec. 12-14; 1910; Jan. 25-Feb. 2, Feb. 8-Apr. 9, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	893.56	Do.
Kent, R. C.	Assistant chemist.	New York, N. Y. (Mar. 13-19, 1911).		31.80	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Le Clero, J. A.	Chief of the vegetable physiological laboratory.	Travel between Washington, D. C., and Hays, Kans., Fort Collins, Colo., Logan, Utah, Reno, Nev., Berkeley, Cal., Corvallis, Oreg., Pullman, Wash., Fargo, N. Dak., Brookings, S. Dak., Minneapolis, Minn., Chicago, Ill., Guelph, Ontario, Canada, Ottawa, Canada. (July 1-Aug. 7, 1910.)	For the purpose of becoming familiar with the field conditions where experiments on the influence of environment in the composition of cereals are being carried on in collaboration with the Bureau of Plant Industry and for the purpose of consulting with experts who have conducted experiments in milling and baking.	\$191.75	General expenses, Bureau of Chemistry, 1911 (laboratory miscellaneous expenses).
Lee, R. E.	Assistant chemist.	Sinclairville, N. Y. (July 5-7, 1910)....	Investigating the fermentation of cider.	36.64	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	Kennedy, N. Y. (Oct. 23-26, 1910)....	Studying the production of cider.	31.84	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Le Febre, C. C.	do.	New York, N. Y. (Mar. 18-May 14, 1911.)	Assisting in the examination and testing of contract supplies	189.39	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Liepsner, F. W.	do.	Kansas City, Mo. (Feb. 25-27, 1911)....	For permanent assignment.	42.20	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Linton, F. B.	Chief clerk of the bureau.	Philadelphia, Pa. (Feb. 2-4, 1911)....	Installing a system of records in the food research laboratory.	20.55	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Lynch, W. D.	Assistant chemist.	Anaconda, Mont., and northern California. (Aug. 2-29, 1910.)	Assisting in the examination of conditions surrounding the Washoe Smelter and the investigation of the injuries by smelter fumes.	292.70	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
McDonnell, C. C.	Chief insecticide and fungicide laboratory.	Baltimore and New York. (June 26-29, 1911.)	To inspect insecticide and fungicide manufacturing plants with reference to processes of manufacture.	28.65	Enforcement of the insecticide act, 1911.
Merrill, E. C.	Assistant chemist.	New York, N. Y. (June 2-30, 1911)....	Assisting in testing and examining contract supplies.	71.68	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Moore, C. C.	do.	Points in Pennsylvania, New York, and Massachusetts. (May 23-June 2 and June 11-13, 1911.)	Conducting investigations in starch manufacture.	99.99	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).

Morgan, F. P.	do.	Little Rock, Ark. (Oct. 30-Nov. 10, 1910.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	116.35	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	Denver, Colo. (Jan. 15-29, 1911).	do.	152.15	Do.
Do.	do.	Chattanooga, Tenn. (Mar. 9-26, 1911).	do.	116.70	Do.
Morgan, W. J.	do.	Keokuk, Iowa. (Apr. 8-14, 1911).	do.	77.60	Do.
Do.	do.	Davenport, Iowa. (Apr. 22-27, 1911).	do.	74.70	Do.
Nelson, E. K.	do.	Westminster, Md. (Oct. 3-5, 1910).	Collecting authentic samples of wormseed oil.	10.58	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.	do.	Little Rock, Ark. (Nov. 1-10, 1910).	Appearing as a witness at the trial of a case arising under the food and drugs act.	106.15	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.	do.	Pittsburgh, Pa. (May 5-7, 1911).	do.	26.05	Do.
Parkinson, N. A.	Clerk.	Chicago, Ill. (Feb. 26-Mar. 27, 1911).	Assisting in clerical work of the Chicago laboratory during the rush work incident to a number of cases arising in connection with the enforcement of the food and drugs act, and assisting at a hearing.	131.43	Do.
Patrick, G. E.	Chief of the dairy laboratory.	Within and throughout the States of Missouri, Illinois, Indiana, Ohio, Pennsylvania, and New York. July 6-Sept. 7, 1910.)	Conducting an investigation of the manufacture and separation of evaporated milks.	282.65	Do.
Do.	do.	St. Louis, Mo., Highland, Ill., Cincinnati, Ohio. (Jan. 9-26, 1911.)	Investigating the preparation of condensed and evaporated milk in connection with the enforcement of the food and drugs act.	68.53	Do.
Phelps, I. K.	Assistant organic chemist.	Minneapolis, Minn. (Dec. 25, 1910-Jan. 2, 1911.)	Attending a meeting of the American Chemical Society.	71.85	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Pierce, A. L.	Editorial clerk.	New York, N. Y. (Feb. 4-7, 1911).	Conferring with an expert of the bureau in regard to the preparation of a manuscript for a bulletin on colors.	19.85	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Read, E. A.	Microanalyst.	Points within the States of New York, Pennsylvania, Michigan, Indiana, Illinois, Wisconsin, Iowa, Nebraska, Ohio, Kansas, Missouri. (July 1-31, 1910).	Making microscopical and bacteriological investigations of fresh, desiccated, frozen and other eggs, and egg products in connection with the enforcement of the food and drugs act.	322.89	Do.
Do.	do.	Chicago, Ill. (Nov. 3-7, 1910).	Appearing as a witness at the trial of a case arising under the food and drugs act.	58.50	Do.
Do.	do.	New York, N. Y. (Dec. 14-17, 1910).	do.	22.10	Do.
Do.	do.	Philadelphia, Pa., Trenton, N. J. (Mar. 20-24, 1911.)	Conferring with the United States attorney at Philadelphia; and appearing as a witness at Trenton, N. J., at the trial of a case arising under the food and drugs act.	24.40	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Riley, J. G.....	Assistant chemist.....	Philadelphia, Pa. (June 25-30, 1911)...	Studying the composition of beers, ales, and their methods of manufacture in connection with the enforcement of the food and drugs act.	\$27.35	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Salant, William.....	Pharmacological chemist.	Chattanooga, Tenn. (Mar. 11-Apr. 2, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	175.70	Do.
Sherwood, Sidney.....	Laboratory helper.....	Various points in the States of Maryland and Ohio. (Feb. 25-Mar. 27, 1911.)	Assisting in the work of the maple-sugar investigations, consisting of the analysis of maple sirup and sap, and the manufacture of maple sirup on a small scale from fresh and sour sap so as to study the chemical differences if any, in the product.	58.30	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Shively, R. R.....	Assistant chemist.....	Albany, N. Y. (Feb. 14-22, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	63.80	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Pittsburgh, Pa. (May 5-8, 1911)	do.....	27.15	Do.
Stephenson, C. H. 1	Scientific assistant.....	Keokuk, Iowa. (Oct. 10-20, 1910)	do.....	68.25	Do.
Do.....	do.....	Chicago, Ill. (Oct. 31-Nov. 5, 1910)	do.....	63.50	Do.
Do.....	do.....	Chicago, Ill. (Feb. 21-Mar. 2, 1911)	do.....	81.50	Do.
Do.....	do.....	New York, N. Y. (Apr. 11, 1911)	do.....	3.10	Do.
Do.....	do.....	New York, N. Y. (Apr. 23-26, 1911)	do.....	21.30	Do.
Do.....	do.....	To various points in the State of Maryland. (June 8-30, 1911.)	Investigations relative to the manufacture of food products.	11.15	Do.
Stiles, George W., jr.....	Bacteriological chemist.....	Providence, R. I.; New York City; Ocean City, N. J.; Philadelphia, Pa. (Aug. 28-Sept. 1, 1910.)	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	39.56	Do.
Do.....	do.....	Richmond, Ind.; Chicago, Ill.; Milwaukee, Wis.; Chicago, Ill.; St. Louis, Mo.; Oklahoma City, Okla.; Morristown, Tenn. (Sept. 5-27, 1910.)	do.....	133.10	Do.
Do.....	do.....	New York, N. Y., Philadelphia, Pa., Perth Amboy, Morgan, and South Amboy, N. J., to New York, N. Y. (Oct. 25-29 and Nov. 10-22, 1910.)	do.....	53.35	Do.
Do.....	do.....	Chicago, Ill. (Nov. 11-13, 1910).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	50.40	Do.

Do.....	New York, N. Y. (Dec. 8-21, 1910).....	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	66. 90	Do.
Do.....	Hartford, Conn. (Jan. 9-13, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	28. 95	Do.
Do.....	New York, N. Y., to Perth Amboy, N. J.; Jersey City, N. J.; Baltimore, Md.; Philadelphia, Pa.; Bridge-town, N. J. (Jan. 12-14, and Feb. 16-Mar. 16, 1911.)	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	27. 90	Do.
Do.....	Philadelphia, Pa.; Trenton, N. J. (Mar. 20-24, 1911.)	Conferring with the United States attorney at Philadelphia, and appearing as a witness at Trenton, N. J., in the trial of a case arising under the food and drugs act.	28. 35	Do.
Do.....	Baltimore, Md. (Apr. 18-20, 1911).....	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	10. 85	Do.
Do.....	Boston, Mass. (May 9-11, 1911.).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	33. 35	Do.
Do.....	Chicago, Ill. (May 16-20, 1911.).....	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	58. 70	Do.
Do.....	Philadelphia, Pa. (May 26, 1911.).....	do.....	12. 90	Do.
Do.....	Providence, R. I. (May 30-June 2, 1911.)	Appearing as a witness at the trial of a case arising under the food and drugs act.	36. 75	Do.
Do.....	Within and throughout the State of Pennsylvania. (June 12-29, 1911.)	Performing inspection work in connection with the enforcement of the food and drugs act, making bacteriological examinations, etc.	97. 95	Do.
Straughn, M. N.....	Yuma, Ariz. (July 1-Sept. 28, 1910) ..	Conducting experiments and making a study of the effect of environment on cantaloupes.	609. 51	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	Gainesville, Tampa, Fla.; Auburn, Ala.; Experiment, Ga. (May 26-June 30, 1911.)	Continuing the study of the influence of environment on the chemical composition of cantaloupes.	166. 53	Do.
Sullivan, A. L.....	Norfolk, Va. (Dec. 18-22, 1910).....	Inspecting factories manufacturing peanut products and collecting samples.	23. 15	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	Norfolk, Va. (Apr. 13-15, 1911).....	Conferring with peanut dealers and manufacturers regarding proper handling, coating, and treatment of peanuts in connection with the enforcement of the food and drugs act.	12. 65	Do.

After Mr. C. H. Stephenson left Washington, D. C., the bureau was notified that he would not be needed in New York to testify and he was recalled while en route.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF CHEMISTRY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Tolman, L. M.....	Chief of the Washington food-inspection laboratory.	Albion, N. Y. (Feb. 22-Mar. 1, 1911)...	Making a chemical study of the conversion of cider into vinegar.	\$49.17	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	do.....	Bridgeton, N. J. (Mar. 15-16, 1911)...	Conferring with the United States attorney relative to a case arising under the food and drugs act.	13.50	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Philadelphia, Pa., and Trenton, N. J. (Mar. 19-24, 1911.)	Conferring with the United States attorney at Philadelphia and appearing as a witness at Trenton, N. J., at the trial of a case arising under the food and drugs act.	32.95	Do.
Do.....	do.....	Bridgeton, N. J. (Mar. 25-27, 1911)...	Conferring with the United States attorney relative to a case arising under the food and drugs act.	15.70	Do.
Do.....	do.....	Trenton, N. J. (May 22-23, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	15.25	Do.
Do.....	do.....	St. Paul, Minneapolis, Minn. (June 24-30, 1911.)	Conferring with the United States attorney and appearing as a witness at the trial of a case arising under the food and drugs act.	68.91	Do.
Veitch, F. P.....	Chief of the leather and paper laboratory.	Chicago, Ill. (Oct. 5-9, 1910).....	Attending a joint meeting of the National Tanners' Association and the American Leather Chemists' Association as a representative of the department, and to secure information of value in the work of the Bureau of Chemistry.	60.00	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	do.....	Jacksonville, Fla.; Brunswick, Savannah, Ga. (Nov. 16-19, 1910.)	Procuring samples and information regarding misgrading of rosin and attending a conference of turpentine and rosin producers on the subject of grading these products.	69.25	Do.
Do.....	do.....	Baltimore, Md. (Dec. 16, 1910).....	Studying the manufacture of phosphates and phosphate powders in connection with the enforcement of the food and drugs act.	2.60	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Various points in North and South Carolina and Georgia. (June 20-29, 1911.)	Making experiments in distilling and refining wood turpentine and pine oils.	74.50	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).

Walker, P. H.....	Chief of the contracts laboratory.	New York, N. Y. (Sept. 26-28, 1910).....	Investigating the manufacture of food containers in connection with the enforcement of the food and drugs act.	20. 45	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Minneapolis, Minn. (Dec. 26, 1910-Jan. 2, 1911.)	Attending a meeting of the American Chemical Society.	72. 25	General expenses, Bureau of Chemistry, 1911 (laboratory, miscellaneous expenses).
Do.....	do.....	Atlantic City, N. J. (June 27-30, 1911).	Attending the meeting of the American Society for Testing Materials.	24. 10	
Weber, F. C.....	Physiological chemist....	Trenton, N. J. (Mar. 22-24, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	19. 85	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Do.....	do.....	Philadelphia, Pa.; Chicago, Ill.; Omaha, Neb.; Atchison, Kans. (May 2-19, 1911.)	Investigating frozen and liquid egg manufactures in connection with the enforcement of the food and drugs act.	153. 19	Do.
Wiley, H. W.....	Chemist and chief of bureau.	Chatanooga, Tenn. (Mar. 11-26, 1911)	For work in connection with the enforcement of the food and drugs act.	123. 40	Do.
Wilson, C. P.....	Assistant chemist.....	New York, N. Y. (Nov. 2-7, 1910)....	Appearing as a witness at the trial of a case arising under the food and drugs act.	33. 00	Do.
Do.....	do.....	New York, N. Y. (Nov. 20-24, 1910)....	do.....	24. 90	Do.
Do.....	do.....	New York, N. Y. (Feb. 6-Apr. 19, 1911.)	Assisting in the analysis of essential oils and other analytical work in connection with the enforcement of the food and drugs act.	153. 35	Do.
Do.....	do.....	St. Louis, Mo. (June 4-10, 1911).....	Appearing as a witness at the trial of a case arising under the food and drugs act.	74. 20	Do.

BUREAU OF SOILS.

Beatlie, James H.....	Scientist in soil laboratory investigations.	State College, Pa. (Apr. 11, 1911).....	To assist in the cooperative fertilizer-plant experiments carried on by the Bureau of Soils and the Pennsylvania Experiment Station.	\$8. 56	General expenses, Bureau of Soils, 1911 (soil laboratory investigations).
Bonssteel, J. A.	Scientist in soil survey ..	Various points in the States of Massachusetts, Maine, and New York, and return. (July 6-Aug. 25, 1910.)	To inspect the several areas surveyed or in course of survey in the States named, and to consult with State officials and others with reference to work to be undertaken.	281. 51	General expenses, Bureau of Soils, 1911 (soil survey).
Do.....	do.....	Various points in the States of New York and Pennsylvania, and return. (Sept. 26-Oct. 14, 1910.)	do.....	99. 16	Do.
Brown, B. E.....	Scientist in soil laboratory investigations.	State College, Pa. (May 5, 1911)	To continue and conclude the cooperative fertility experiments carried on at that place by the Bureau of Soils and the Pennsylvania Experiment Station.	9. 56	General expenses, Bureau of Soils, 1911 (soil laboratory investigations).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF SOILS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Cameron, Frank K.	Scientist in soil labora- tory investigations.	Various points in the States of Colo- rado, California, Oregon, Washing- ton, Utah, Nebraska, and return. (July 3-Aug. 1, 1910.)	To investigate the fertilizer requirements of the soils of the trans-Mississippi and Pacific coast States with special reference to the use of phosphates and the utilization of smelter fumes; to consult with agriculturists, chemists, manufacturers, and others about the possibilities of providing a local supply of superphosphates to meet the soil de- mands which are arising in those States; to make field observations of the various practical methods of handling the differ- ent types of alkali; to study the origin and the segregation of different types of alkali and their relation to vegetation.	\$307.15	Several expenses, Bu- reau of Soils, 1911 (soil laboratory investiga- tions).
Do.	do.	Minneapolis, Minn., and (Dec. 26, 1910-Jan. 2, 1911.)	To attend a meeting of fertilizer chemists and to advise with them regarding the best methods of utilizing the results of the investigations of the Bureau of Soils in the development of rational systems of fer- tilizing and management of soils, and to represent the bureau at the convocation of the American Association for the Ad- vancement of Science and Affiliated Sci- entific Societies.	93.20	Do.
Do.	do.	Lansing, Ann Arbor, and Detroit, Mich., and Ithaca, N. Y., and re- turn. (Apr. 3-9, 1911.)	To consult with the college and university authorities and others regarding the in- vestigations in soil control and control of soil waters, and to consult these authorities and certain mining engineers regarding the location and availability of certain potash deposits as natural sources of fertilizers.	53.07	Do.
Do.	do.	Atlanta, Ga., and return. (May 17- 21, 1911.)	To consult the State geologist and others concerning the location, character, and extent of recently reported discoveries of phosphates in the State of Georgia, to consult with the State geologist and chem- ist of Georgia regarding cooperative labora- tory examinations of soils then being car- ried on, and to investigate the extent of the utilization of sulphuric acid from smelter fumes and other sources for the	53.41	Do.

Free, Edward E.....	Scientist in investigations of fertilizer resources.	Various points in the States of New Mexico, Arizona, California, and Nevada, and return. (Mar. 11-May 30, 1911.)	manufacture of ammonium sulphates and the distribution of this substance as a fertilizer. To make investigations and examinations of deposits and waters for the presence of potash salts, nitrates, and related substances, to make a reconnaissance of areas which are likely to contain such substances, and to consult with State and university authorities and others with reference to this investigation. To collect samples of and examine the soils in the vicinity of Easton for special laboratory investigations.	794.82	General expenses, Bureau of Soils, 1911-12.
Lathrop, E. C.....	Scientist in soil laboratory investigations.	To points in Talbot County, Md., and return. (Apr. 27-29, 1911.)	To collect samples of different types of rock and soil and to visit mineral localities in the vicinity of Philadelphia for the purpose of collecting samples of minerals and mineral soils for laboratory investigations. To visit soil-survey areas in the States named and obtain data relating to the condition and movements of soil waters, chiefly in connection with field parties.	12.70	General expenses, Bureau of Soils, 1911 (soil laboratory investigations).
McCaughey, Wm. J.....	do.....	Various points in the vicinity of Philadelphia, Pa., and return. (July 10-Aug. 3, 1910.)	To represent the Bureau of Soils at a meeting of the Geological Society of America and the Association of American Geographers, to present before this meeting the work of this bureau, and confer with members of those associations with reference thereto.	14.54	Do.
McGee, W. J.....	An expert.....	Various points in the States of New York, Kansas, Colorado, California, Iowa, and Georgia, and return. (Aug. 1-Oct. 9, 1910.)	To inspect the various areas surveyed or in the course of survey in the States named, and to consult with State officials and others regarding work to be undertaken.	524.79	General expenses, Bureau of Soils, 1911 (soil water investigations).
Marbut, C. F.....	Scientist in soil survey.	Pittsburgh, Pa., and return. (Dec. 28-31, 1910.)	To inspect the Chilton County soil survey and to consult with State officials and others regarding soil-survey work carried on in the States named.	20.00	General expenses, Bureau of Soils, 1911 (soil survey).
Do.....	do.....	Various points in the States of North Carolina, South Carolina, Georgia, Alabama, Mississippi, Louisiana, and Texas, and return. (Jan. 29-Mar. 23, 1911.)	To inspect the several areas surveyed or in the course of survey in the States named, and to consult with State officials and others with reference to work to be undertaken.	247.43	Do.
Do.....	do.....	Atlanta, Ga., and Montgomery and Clanton, Ala., and return. (May 2-6, 1911.)	.....do.....	53.07	Do.
Do.....	do.....	Various points in the States of New Jersey, Connecticut, Massachusetts, New Hampshire, New York, and Pennsylvania, and return. (May 18-June 8, 1911.)		97.73	Do.
Do.....	do.....	Various points in the States of Ohio, Tennessee, Missouri, Kansas, Colorado, California, Oregon, Washington, North Dakota, and Wisconsin, and return. (June 21-30, 1911, assignment continued in July.)		168.83	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF SOILS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Patten, H. E.....	Scientist in soil laboratory investigations.	New York, N. Y., and return. (Apr. 5-9, 1911.)	To visit the furnace laboratory of, and to consult with, Dr. J. F. Maywald, and others, in regard to investigations on the production of basic calcium, nitrate, calcium cyanide, and other nitrogen products for use as fertilizers.	\$25. 00	General expenses, Bureau of Soils, 1911 (soil laboratory investigations).
Schreiner, Oswald.....	do.....	Manassas, Va., and return. (Mar. 17, 1911.)	To deliver a lecture on soil fertility before a meeting of the farmers' institute.	1. 30	Do.
Do.....	do.....	Blacksburg, Va., and return. (Apr. 25-29, 1911.)	To consult with the officials of the Virginia Agriculture Experiment Station in regard to fertility investigations, and to deliver a lecture on the result of the bureau's work in soil fertility.	20. 50	Do.
Whitney, Milton.....	Chief of bureau.....	Various points in New York, and return. (Sept. 18-23, 1910.)	To confer with State officials and others regarding soil conditions and soil problems in that State.	27. 80	General expenses, Bureau of Soils, 1911 (administrative expense).
Do.....	do.....	New York and Middletown, N. Y., and return. (Dec. 6-8, 1910.)	To deliver a lecture at Columbia University, New York City, and before the United Grangers' Association at Middletown, N. Y., on the soils of that State.	22. 90	Do.
Do.....	do.....	New York, N. Y., and return. (Apr. 8 and 9, 1911.)	To deliver an address on the application of modern business methods to agriculture before a business men's meeting.	15. 65	Do.

BUREAU OF ENTOMOLOGY.

Barber, H. S.....	Assistant.....	Various points in the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, and New York. (July 1-29, 1910.)	To continue work in connection with the investigation of parasites of the gipsy and brown-tail moths.	\$39. 29	General expenses, Bureau of Entomology, 1911 (preventing spread of moths, 1911).
Do.....	do.....	Baltimore, Md., and return. (Dec. 8-15, 1910.)	To pack and transport a collection of insects of the order Hemiptera donated by Prof. P. R. Uhler, of the Peabody Library, Baltimore, to the United States National Museum, for use and consultation by employees of Bureau of Entomology.	14. 55	General expenses, Bureau of Entomology, 1911 (miscellaneous insects).

Clifton, R. S.....	Executive assistant.....	New York, N. Y., and return. (July 12-13, 1910.)	To confer with the chief of the bureau concerning important official business upon his return from Europe and prior to his departure for New England.	16.25	Do.
Do.....	do.....	Boston, Mass., and return. (Dec. 16-19, 1910.)	To confer with the special agents in charge of the gipsy moth field work and the gipsy moth parasite laboratory.	33.65	General expenses, Bureau of Entomology, 1911 (preventing spread of moths, 1911).
Do.....	do.....	Boston, Mass., and return. (May 22-24, 1911.)	do.....	33.80	Do.
Howard, L. O.....	Chief of bureau.....	Europe and return. (July 1-16, 1910; trip begun in fiscal year 1910.)	Return journey after conference with European agents of the bureau and the State of Massachusetts concerning the importation of parasites of the gipsy and brown-tail moths.	62.80	Do.
Do.....	do.....	Various points in the New England States and return. (June 20-28, 1911.)	To study the condition of the gipsy moth and the brown-tail moth.	40.75	Do.
Do.....	do.....	San Francisco, Cal., and various points in the States of California, Arizona, New Mexico, Texas, Louisiana, and Illinois. (Sept. 12-Oct. 12, 1910.)	To investigate insects affecting citrus and deciduous fruits and southern field crops, and to confer with State authorities and the agents of the Bureau of Entomology engaged in these investigations.	419.05	General expenses, Bureau of Entomology, 1911 (miscellaneous insects).
Do.....	do.....	Minneapolis, Minn., and return. (Dec. 24, 1910-Jan. 2, 1911.)	To present papers and take part in discussions on entomological subjects at the meetings of the American Association for the Advancement of Science and the Association of Economic Entomologists.	102.30	Do.
Keleher, T. A.....	Clerk.....	Waynesboro, Va., and various points in Virginia. (Sept. 19-Oct. 2, 1910.)	To record observations at different orchards on experimental and demonstration spraying for deciduous fruit insects.	34.69	General expenses, Bureau of Entomology, 1911 (deciduous fruit insects).
Smyth, E. G.....	Entomological assistant.....	New York, N. Y. (Jan. 24-Feb. 1, 1911.)	Work in connection with the enforcement of the food and drugs act under instructions of Dr. F. L. Dunlap, secretary of the Board of Food and Drug Inspectors.	54.41	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses).
Anthony, H. E.....	Agent.....	Various points in Oregon and Montana (July 1-Aug. 31, 1910.)	To collect data and specimens relating to geographic distribution of animals and plants, on the habits of mammals and birds, and crop adaptations.	195.45	General expenses, Bureau of Biological Survey, 1911 (biological investigations).
Do.....	do.....	Various points in Wyoming. (May 20-June 30, 1911.)	do.....	182.95	Do.
Birdseye, C.....	Expert field naturalist.....	Various points in Michigan, Wisconsin, and Minnesota. (July 1-Dec. 31, 1910.)	To investigate the present condition and abundance of deer and their destruction by wolves, together with the methods employed by hunters and trappers for killing wolves.	422.23	General expenses, Bureau of Biological Survey, 1911 (game preservation).
Do.....	do.....	Various points in California, Washington, and Montana. (Feb. 1-June 30, 1911.)	To investigate the depredations of ground squirrels, pocket gophers, and other mammals of economic importance, and to gather data on the relations of birds and mammals to agriculture, horticulture, and forestry, and the transmission of disease.	667.61	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ENTOMOLOGY—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Brewster C. E.....	Game law expert.....	Various points in Michigan. (Sept. 1-30, 1910.)	To investigate reports of killing of wolves and to secure data relating to bounties paid on these animals; to attend meeting of Michigan Association of Sportsmen at Owosso in regard to the game laws of the State.	\$83.82	General expenses, Bureau of Biological Survey, 1911 (game preservation).
Do.....	do.....	Philadelphia, Buffalo, New York City, and various points in Ohio, Indiana, Illinois, Kentucky, Missouri, Tennessee, Arkansas, and Oklahoma. (Nov. 10-Dec. 23, 1910.)	To investigate the present condition of game, supply for the markets, methods of transportation, and methods employed in hunting and marketing wild fowl shipped by interstate commerce.	346.40	Do.
Do.....	do.....	Various points in Maryland, Virginia, and North Carolina. (Jan. 25-Mar. 20; May 26-28; June 2-16, 1911.)	To investigate the present sources of supply of game for the markets of Baltimore and Washington, condition of game, methods of transportation, particularly those employed in the capture and marketing of wild fowl shipped by interstate commerce.	401.72	Do.
Cary, Morrill.....	Assistant biologist.....	Various points in Wyoming. (July 1-Sept. 17, 1910.)	To collect data and specimens relating to geographic distribution of animals and plants on habits of mammals and birds and crop adaptations.	506.76	General expenses, Bureau of Biological Survey, 1911 (biological investigations).
Do.....	do.....	Washington, D. C., from station at Ne- high, Nebr. (Dec. 2-4, 1910; Feb. 3- 6, 1911.)	To prepare report on biological survey of Wyoming.	84.45	Do.
Cooper, A. C.....	Assistant warden.....	Various points in Texas, Oklahoma, South Dakota, and Colorado. (June 1-30, 1911.)	To investigate the condition of antelope and other big game animals in the States named.	75.00	General expenses, Bureau of Biological Survey, 1911 (game preservation).
Dearborn, Ned.....	Expert biologist.....	Various points in Colorado, New Mexico, and Wyoming. (July 1-Aug. 21, 1910; May 7-June 30, 1911.)	To carry on investigations to determine practical methods of combating depredations of prairie dogs and other injurious rodents, and to study methods of suppressing the destruction of seeds by mammals and birds in the course of reforestation.	479.05	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
Dille, Fred M.....	Agent.....	Various points in Idaho, Oregon, and Washington. (May 3-June 30, 1911.)	To inspect and patrol bird reservations in the States named.	162.01	General expenses, Bureau of Biological Survey, 1911 (maintenance of mammal and bird reservations).

Fisher, A. K.	In charge of economic investigations.	Various points in Montana, Minnesota, Colorado, Kansas, Missouri, Louisiana, Texas, Mississippi, and Alabama. (Sept. 11-Oct. 1; Oct. 7-Dec. 20, 1910; Jan. 26-Mar. 18; May 14-26, 1911.)	To study the depredations of prairie dogs, pocket gophers, ground squirrels and other mammals of economic importance; to gather data on the status of birds and mammals in relation to agriculture, horticulture, and forestry; to study methods of suppressing the destruction of seeds by mammals and birds in the course of reforestation; and to devise methods for destroying crawfish which devastate the corn and cotton crops of the South.	727. 41	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
		Various points in Alabama, Mississippi, and Georgia. (June 2-30, 1911.)	To collect data on the economic status and geographic distribution of the mammals and birds of the region.	117. 45	General expenses, Bureau of Biological Survey, 1911 (biological investigations).
Henshaw, H. W.	Chief of bureau.	Ravalli, Mont., and various points in California and Oregon. (July 16-Sept. 23, 1910.)	To inspect the bison range in Montana; to examine the Klamath Lake Reservation in Oregon; to inspect work done in California in connection with attempts to exterminate the California ground squirrel; and to collect data on the distribution of animals and plants and the food habits of birds and mammals.	364. 35	General expenses, Bureau of Biological Survey, 1911 (administrative expenses).
Howell, A. H.	Assistant biologist.	Various points in Arkansas, Tennessee, and Kentucky. (July 1-31, 1910.)	To gather data on the economic status and geographic distribution of mammals and birds in the regions visited.	177. 16	General expenses, Bureau of Biological Survey, 1911 (biological investigations).
		Various points in Virginia. (Apr. 4-11, 1911.)	do.	32. 70	Do.
Do.	do.	Various points in Alabama, Mississippi, and Georgia. (May 5-June 30, 1911.)	do.	265. 37	Do.
Jewett, S. G.	Agent.	Various points in Oregon and Idaho. (July 1-Aug. 31, 1910.)	do.	167. 80	Do.
Do.	do.	Various points in Oregon and Idaho. (May 16-June 30, 1911.)	do.	132. 95	Do.
Kalmbach, E. R.	Expert.	Various points in Utah. (May 2-June 30, 1911.)	To study the relation of birds to the recently imported alfalfa weevil, and to collect data on the relation of birds and mammals to agriculture, horticulture, and forestry.	200. 60	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
Lantz, D. E.	Assistant biologist.	Various points in Indiana, Illinois, Ohio, Colorado, Kansas, Nebraska, and Montana. (July 1-Aug. 2, 1910.)	To devise methods of controlling the depredations of noxious mammals, and collect data on status of birds and mammals; to study conditions regarding seeding projects in connection with reforestation and to make recommendations for the control of rodents which destroy the seed; to collect data pertaining to skunk farming.	150. 68	Do.
Do.	do.	Norfolk, Va. (Sept. 13-14, 1910).	To study the depredations of small rodents to agriculture and horticulture.	17. 60	Do.
Do.	do.	Kansas National Forest and Kansas City, Kans. (June 1-30, 1911.)	To study methods of exterminating prairie dogs; to visit various mineries and study the industry.	187. 43	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF ENTOMOLOGY—Continued

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
McAtee, W. L.	Assistant biologist	Various points in Texas, Arkansas, and Missouri. (Oct. 26, 1910-Jan. 9, 1911; June 11-30, 1911.)	To make a critical study of the food of wild ducks, shore birds, and other species of economic importance.	\$527.70	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
Merriam, C. Hart	Consulting biologist	Various points in California. (July 26-Oct. 6, 1911.)	To make scientific and technical field investigations.	410.22	General expenses, Bureau of Biological Survey, 1911 (administrative expenses).
Nowlin, D. C.	Agent	Various points in Wyoming, Montana, and Idaho. (Mar. 9-May 31, 1911.)	To make arrangements for feeding and transporting elk in Wyoming.	203.50	General expenses, Bureau of Biological Survey, 1911 (protection and removal of elk in Wyoming).
Do.	do.	Various points in Idaho and Oregon. (June 1-30, 1911.)	To investigate the condition of big game in the States named.	104.50	General expenses, Bureau of Biological Survey, 1911 (game preservation).
Oldys, Henry	Assistant biologist	Baltimore, Md. (July 12-Oct. 11-12, 1910.)	To collect data on game preservation; to represent Biological Survey at annual meeting of Maryland State Game and Fish Protective Association.	6.40	Do.
Palmer, T. S.	Assistant chief in charge of game preservation.	Various points in New York, New Jersey, Pennsylvania, Maryland, and Virginia. (Jan. 2-14; Feb. 29-Mar. 31; Apr. 24-May 22, 1911.)	To supervise the inspection service of foreign birds and to confer with State officials concerning matters of game preservation in the States named.	149.62	Do.
Do.	do.	Various points in California, Utah, Colorado, and Missouri. (Aug. 12-Sept. 4, 1910.)	To examine State and private game preserves in California; to investigate an outbreak of duck disease in Utah; to investigate plumage traffic in California, Colorado, and Missouri.	135.75	Do.
Do.	do.	Various points in Missouri, Wisconsin, and Illinois. (Oct. 2-20, 1910.)	To confer with State officials in connection with game protection.	91.02	Do.
Piper, S. E.	Scientific assistant	Various points in California, Washington, and Colorado. (July 1-Sept. 26, 1910; Jan. 19-June 30, 1911.)	To carry on experiments for controlling depredations of ground squirrels, prairie dogs, gophers, and other mammals of economic importance and gathering information on the ground-squirrel problem in California.	1,133.70	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
Preble, E. A.	Assistant biologist	Various points in the Province of British Columbia. (July 1-Nov. 22, 1910.)	To investigate the distribution of birds and mammals in the region visited.	533.10	General expenses, Bureau of Biological Survey, 1911 (biological investigations).

Do.....	do.....	Various points in Wyoming. (Mar. 7-June 14, 1911.)	To arrange for the feeding and transportation of elk.	440. 20	General expenses, Bureau of Biological Survey, 1911 (protection and removal of elk in Wyoming).
Scheffer, Theo. H.....	Expert.....	Various points in South Dakota, Colorado, and Arizona. (July 5-Aug. 31, 1910; May 12-June 30, 1911.)	To determine the best methods of controlling noxious mammals, and to investigate the food habits of certain species of birds of economic importance.	432. 26	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).
Do.....	do.....	Various points in Kansas. (Sept. 1, 1910-May 9, 1911.)	To carry on investigations in relation to the depredations and life histories of prairie dogs and pocket gophers and other mammals injurious to agricultural interests in Kansas.	357. 09	Do.
Streeter, D. D.....	Expert field naturalist..	Various points in Wyoming. (July 1-Sept. 30, 1910.)	To gather data on the economic status and geographic distribution of the mammals and birds of the regions visited.	287. 20	Do.
Wetmore, Alex.....	Agent.....	Various points in Wyoming. (July 1-Sept. 30, 1910.)	do.....	188. 89	General expenses, Bureau of Biological Survey, 1911 (biological investigations).
Do.....	do.....	Washington and various points on the Alaska coast and islands. (Apr. 20-June 30, 1911.)	do.....	205. 57	General expenses, Bureau of Biological Survey, 1911 (food habits of birds and mammals).

DIVISION OF ACCOUNTS AND DISBURSEMENTS.

Calvert, Edgar B.....	Assistant chief.....	Mount Weather, Va. (Sept. 6-7, 1910.)	To superintend repairs to Weather Bureau buildings, and disposition of unserviceable property.	\$3. 45	General expenses, Weather Bureau, 1911.
Do.....	do.....	Key West and Sand Key, Fla. (Nov. 17-Dec. 1, 1910.)	To select site and arrange details of contract for the erection of observatory building on Sand Key, Fla.	142. 25	Do.
Do.....	do.....	Richmond, Cape Henry, and Norfolk, Va. (Mar. 9-12, 1911.)	To examine accounts and to inspect and arrange for repairs to observatory buildings at Richmond and Cape Henry, Va.	24. 80	Do.
Fagan, M. E.....	Chief of office of accounts and fiscal agent.	To headquarters of the various district fiscal agents and other points in the districts. (July 23-Sept. 17, 1910.)	Inspection of district fiscal agents' offices and instruction of fiscal agents; assistance in handling disbursements for fire fighting in districts 1 and 4.	551. 50	General expenses, Forest Service, 1911 (general administration).
Forbes, E. E.....	Auditor.....	New Orleans, La. (Apr. 23-May 1, 1911.)	To attend the annual meeting of the Association of American Railway Accounting Officers.	96. 35	Contingent expenses, Department of Agriculture, 1911.
Melzar, E. A.....	District fiscal agent.....	To Portland, Oreg., and San Francisco, Cal. (Aug. 18-Sept. 12, 1910.)	For the purpose of rendering assistance in promptly meeting the financial conditions caused by forest fires.	352. 30	General expenses, Forest Service, 1911 (general administration).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

DIVISION OF ACCOUNTS AND DISBURSEMENTS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Melzar, E. A.....	District fiscal agent.....	To Albuquerque, Ogden, and Denver. (Nov. 25, 1910-Jan. 22, 1911.)	To assume temporary charge as district fiscal agent at Albuquerque. Inspection of accounts, offices at Ogden and Denver.	\$260.15	General expenses, Forest Service, 1911 (general administration).
Do.....	do.....	To Chicago, Madison, Wausau, Portage, Wausau, Madison, and Milwaukee. (May 22-29, 1911.)	Inspection of the records of the office of products and of the travel conditions between Madison and Wausau with special relation to allowances by the office of accounts.	83.24	Do.
Nevins, W. J.....	Auditor.....	Upper Marlboro, Md., 3 trips. (July 5-10, 1910.)	To assist in purchase of tract of land for Government experiment station at Beltsville, Md.	3.54	General expenses, B. A. I., 1911 (administrative expenses).
Do.....	Cashier and chief clerk..	New Haven, Conn. (May 7-10, 1911.)	To examine records and accounts of Referee Board.	22.75	General expenses, Bureau of Chemistry, 1911 (food and drugs act, miscellaneous expenses), Referee Board.

BUREAU OF STATISTICS.

Andrews, Frank.....	Statistical scientist.....	Baltimore, Md.; Philadelphia, Pa.; New York, N. Y. (June 25-30, 1911.)	To gather information concerning agricultural development in the United States as influenced by transportation companies, with special reference to such topics as railroad lands and their occupation, colonization schemes, freight and passenger rates, special freight service, crop estimates made by transportation lines, tonnage of farm products carried, and the organization of industrial departments; and to collect data concerning fast-freight service and methods of distributing perishable farm products.	\$24.32	General expenses, Bureau of Statistics, 1911 (special investigations).
Clark, Charles O.....	Assistant chief of bureau.	Berryville, Va.; Mountain Lake Park, Md.; Columbus, Ohio; Mechanicsburg, Pa.; WhiteHouse Station, N. J.; Fayetteville, N. Y.; Maysville Center, Me.; Millford, N. H.; Randolph, Vt.; Marlboro, Mass.; Kingston, R. I.; West Cornwall, Conn. (July 15-Aug. 12, 1910.)	To examine and inspect offices of the field service of the bureau, and to supervise and instruct State statistical agents and special field agents.	185.50	Do.

Do.....	do.....	Topeka, Kans.; Carbondale, Colo.; Salt Lake City, Utah; Carson City, Nev.; San Francisco, Cal.; Corvallis, Oreg.; Seattle, Wash.; Kennewick, Wash.; Moscow, Idaho; Lewistown, Mont.; Sheridan, Wyo.; Fargo, N. Dak.; Fergus Falls, Minn.; Bowdle, S. Dak.; Minneapolis, Minn. (Aug. 22-Oct. 8, 1910.)	557.20	Do.
Holmes, George K.....	Statistical scientist.....	St. Louis, Mo. (Dec. 26, 1910-Jan. 1, 1911.)	79.45	Do.
Jones, Samuel A.....	Assistant chief of bureau.....	Bryantown, Md.; Carson City, Mich.; Madison, Wis.; Columbus, Ohio; Des Moines, Council Bluffs, Iowa; Valley, Nebr.; Olathe, Kans.; King City, Mo.; Lexington, Guthrie, Ky.; Raymond City, W. Va. (Nov. 3-Dec. 17, 1910.) Pa.; Chicago, Ill.; Topeka, Kans.; Okeene, Guthrie, Okla.; Mena, Lonoke, Ark.; Columbus, Ind. (Jan. 7-20, 1911.)	244.55	Do.
Do.....	do.....	Millford, Del.; White House Station, N. J.; Marlboro, Mass.; West Cornwall, Conn.; Kingston, R. I.; Milford, N. H.; West Hartford, Vt.; Fayetteville, N. Y.; Carson City, Mich. (Mar. 8-27, 1911.)	146.48	Do.
Do.....	do.....	Madison, Wis.; Fergus Falls, Minn.; Minneapolis, Minn.; Fargo, N. Dak.; Bowdle, S. Dak.; Lincoln, Valley, Nebr.; Council Bluffs, Des Moines, Iowa; Chicago, Ill.; Columbus, Ind.; Columbus, Ohio; Mountain Lake Park, Md. (May 9-June 3, 1911.)	114.93	Do.
Murray, Nat. C.....	Associate statistician.....	Millford, Del.; Norfolk, Va.; Greenville, Tenn. (Oct. 25-28, 1910.)	201.28	Do.
Do.....	do.....	Baleigh, N. C.; Florence, S. C.; Atlanta, Ga.; Auburn, Ala.; Gainesville, Tampa, Jacksonville, Fla.; Lake Charles, La. (Jan. 31-Feb. 25, 1911.)	45.07	Do.
Olmsted, Victor H.....	Chief of bureau.....	Atlanta, Ga. (Mar. 8-12, 1911.).....	197.14	Do.
		To attend the Southern Commercial Congress for service in connection with the agricultural section.	45.85	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

BUREAU OF STATISTICS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Olmsted, Victor H.....	Chief of bureau.....	Budapest, Hungary; Vienna, Austria; Berlin, Germany; Copenhagen, Denmark; The Hague, Netherlands; Brussels, Belgium. (May 20-June 30, 1911.)	To secure information concerning methods of collecting agricultural data by European countries, and to ascertain whether any features of such methods are worthy of adoption.	1 265.02	General expenses, Bureau of Statistics, 1911 (Special investigations).

LIBRARY.

Barnett, C. R.....	Librarian.....	Mackinac Island, Mich. (July 1-6, 1910; trip begun in February, 1910.)	To attend the conference of the American Library Association as the official representative of the department library.	\$30.50	Library, Department of Agriculture, 1911.
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OFFICE OF EXPERIMENT STATIONS.

Allen, E. W.....	Assistant director.....	Agricultural experiment stations in Idaho, Utah, Nevada, California, Oregon, Washington, Montana, North Dakota, South Dakota, Minnesota, Illinois, Wisconsin, and Massachusetts. (July 1-Aug. 27, 1910.)	To inspect State experiment stations under the act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and condition.	\$444.69	Agricultural experiment stations, 1911.
Do.....	do.....	Agricultural experiment stations in Maine, New Jersey, and New York. (Sept. 1-29, 1910.)	do.....	\$3.73	Do.
Do.....	do.....	Agricultural experiment station, New Brunswick, N. J. (Jan. 18-20, 1911.)	do.....	24.94	Do.
Do.....	do.....	Agricultural experiment stations, Amherst, Mass., and Boston, Mass. (Feb. 2-6, 1911.)	do.....	41.63	Do.
Do.....	do.....	Agricultural experiment stations in Virginia. (Apr. 1-5, 1911.)	do.....	20.35	Do.
Do.....	do.....	Agricultural experiment stations in Virginia, Tennessee, and Kentucky. (May 31-June 14, 1911.)	do.....	106.55	Do.

¹ The expenses of the journey of Mr. Olmsted as delegate to the International Institute of Agriculture, from Washington, D. C., and return, were borne by the Department of State.

Beal, W. H.	Chief of division	Agricultural experiment stations in Kentucky, Missouri, Illinois, Indiana, and Michigan. (Sept. 18-Oct. 7, 1910.)	.....do.....	138.30	Do.
Do.	do.	Agricultural experiment stations in Oklahoma, Texas, New Mexico, Arizona, California, Utah, and Colorado. (Apr. 18-June 9, 1911.)	.....do.....	417.45	Do.
Crosby, D. J.	Specialist, agricultural education.	Various points in Delaware, Maryland, Massachusetts, New York, and Vermont. (July 1-12, 1910.)	To confer with officials of public institutions in relation to methods of teaching agriculture, and to deliver an address before convention of National Education Association on work of agricultural high schools.	57.63	Agricultural experiment stations, 1911 (farmers' institutes).
Do.	do.	Charlottesville, Va., and various points in Iowa, Wisconsin, Michigan, and Minnesota. (July 16-Aug. 5, 1910.)	To deliver addresses on methods of teaching agriculture in public schools, and to collect information relating to such methods.	115.71	Do.
Do.	do.	Manassas, Va. (Sept. 22, 1910.)	To deliver an address on elementary agriculture before Manassas High School.	1.30	Do.
Do.	do.	St. Louis and Cape Girardeau, Mo.; Lexington, Ky. Blacksburg, Va.; Knoxville, Tenn. (Oct. 4-13, 1910.)	To confer with school officials in relation to methods of teaching agriculture.	100.07	Do.
Do.	do.	Suifolk and other points in Virginia. (Oct. 20-27, 1910.)	To deliver addresses on methods of teaching agriculture in public schools.	21.05	Do.
Do.	do.	Various points in Rhode Island Massachusetts, Vermont, and New York. (Oct. 27-Nov. 1, 1910.)	To deliver address on boys' agricultural clubs and to confer with school officials in relation to methods of teaching agriculture in public schools.	43.81	Do.
Do.	do.	Richmond and Hinton, Va. (Nov. 22-26, 1910.)	To deliver addresses on the agricultural educational work at meetings of State teachers' association.	28.70	Do.
Do.	do.	Chattanooga, Tenn. (Dec. 27-31, 1910.)	To deliver addresses on agricultural education before Southern Educational Association.	48.20	Do.
Do.	do.	Various points in Georgia, Alabama, Mississippi, Tennessee, North Carolina, and South Carolina. (Feb. 15-Mar. 4, 1911.)	To collect information for a report on the work of agricultural schools and to deliver a series of addresses on the same subject.	134.14	Do.
Do.	do.	Various points in Maryland, Ohio, Indiana Illinois, South Carolina, Georgia and Florida. (Apr. 3-27, 1911.)	To collect information for a report on the work of agricultural schools and to deliver addresses on the agricultural educational work of the department.	157.78	Do.
Do.	do.	Sandy Spring and Brookeville, Md. (May 18-19, 1911.)	To collect information on work of agricultural schools.	1.15	Do.
Do.	do.	Athens, Ga. (June 20-22, 1911.)	To collect information for report on instruction in agriculture at Georgia State College of Agriculture.	46.75	Do.
Do.	do.	Upper Marlboro, Md. (June 27, 1911.)	To confer with county school board in relation to agricultural schools in Prince George County, Md.	1.18	Do.
Do.	do.	Braddock Heights, Md. (June 28-29, 1911.)	To confer with officials of agricultural section of Maryland State Teachers' Association in relation to work of agricultural schools in Maryland.	5.40	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Elliott, C. G.	Chief of drainage investigations.	Various points in British Columbia, Washington, Idaho, Utah, Colorado, Iowa, Nebraska, and Illinois. (July 1-Aug. 14, 1910.)	To supervise and plan drainage experiments in general and to cooperate with engineers of Indian Bureau in preparing plans for draining land on Yakima Indian Reservation.	\$359.56	Drainage investigations, 1911.
Do.....	do.....	New York City. (Sept. 1-2, 1910.).....	To confer with officials regarding reclaiming swamps in New York State.	15.45	Do.
Do.....	do.....	Statesville, Reidsville, and Maxton, N. C., and Norfolk, Va. (Oct. 3-8, 1910.).....	To inspect and supervise drainage experiments in general.	42.75	Do.
Do.....	do.....	Sterling, Va., and Reidsville, N. C. (Nov. 16-30, 1910.).....	To supervise and plan drainage experiments in general.	26.46	Do.
Do.....	do.....	Richmond, Va. (Dec. 14-15, 1910.).....	To deliver an address on drainage investigations.	8.45	Do.
Do.....	do.....	Charleston, S. C. (Jan. 12-15, 1911.).....	To supervise drainage experiments on James Island.	36.50	Do.
Do.....	do.....	Chicago, Ill. (Jan. 15-19, 1911.).....	To supervise and plan drainage experiments in general.	54.55	Do.
Do.....	do.....	Various points in Georgia, Louisiana, Texas, Arkansas, Tennessee, Missouri, and Illinois. Apr. 8-May 8, 1911.).....	do.....	216.89	Do.
Ervin, Guy	Stenographer and typewriter.	Boise, Idaho, to Washington, D. C. (Sept. 13-16, 24-29, 1910.).....	Transferred for duty.....	115.00	Irrigation investigations, 1911.
Do.....	do.....	Washington, D. C. to Boise, Idaho. (June 16-23, 1911.).....	do.....	99.60	Do.
Evans, Walter H.	Chief of Division of Insular Stations.	Agricultural experiment stations in New York, Pennsylvania, Ohio, and West Virginia. (July 17-Aug. 4, 1910.).....	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and expenditures.	111.04	Agricultural experiment stations, 1911.
Do.....	do.....	Agricultural experiment stations in Massachusetts, New Hampshire, Rhode Island, Connecticut. (Sept. 7-17, 1910.).....	do.....	63.94	Do.
Do.....	do.....	Agricultural experiment stations in Delaware and Maryland. (Nov. 3-4, 1910.).....	do.....	10.19	Do.
Do.....	do.....	Agricultural experiment stations in North and South Carolina, Georgia, Florida, Alabama, Mississippi, and Louisiana. (May 24-June 23, 1911.).....	do.....	214.35	Do.

Fetzer, L. W.	Assistant in biological chemistry.	St. Paul and Minneapolis, Minn.; Madison, Wis.; Urbana, Ill.; Wooster, Ohio, and Columbia, Mo. (Dec. 25, 1910-Jan. 1, 1911.)	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and to deliver addresses on agricultural research work before American Association for the Advancement of Science.	142.92	Do.
Fortier, Samuel.	Chief of irrigation investigations.	Various points in Colorado, Iowa, Kansas, and Missouri. (July 8-Oct. 3, 1910.)	To supervise and plan irrigation experiments in general and return to official headquarters.	558.55	Irrigation investigations, 1911.
Do.	do.	Philadelphia, Pa., and Haddonfield, Newfield, and Vineland, N.J. (Nov. 2-4, 1910.)	To inspect irrigation experiments and to confer with irrigation workers at the places named.	13.30	Do.
Do.	do.	Various points in Missouri and Kansas. (Apr. 29-May 4, 1911.)	To confer with officials of Kansas Experiment Station in relation to cooperative irrigation experiments.	113.70	Do.
Do.	do.	New York City and various points in Western States. (June 5-30, 1911.)	To inspect and supervise irrigation experiments in general and to confer with western workers.	180.10	Do.
Hamilton, John.	Specialist, farmers' institutes.	Ames, Iowa. (July 11-26, 1910.)	To deliver lectures on the subject of agricultural extension.	80.27	Agricultural experiment stations, 1911 (farmers' institutes).
Do.	do.	Joppla, Md. (Sept. 14, 1910.)	To investigate and report upon the organization and progress of farmers' institutes.	3.16	Do.
Do.	do.	Lansing, Mich. (Mar. 1-4, 1911.)	do.	46.50	Do.
Do.	do.	Various points in Louisiana, Alabama, Georgia, and South Carolina. (Apr. 4-17, 1911.)	do.	126.36	Do.
Hare, B. B.	Assistant in agricultural education.	Calvert, Md. (May 23, 1911.)	do.	5.54	Do.
Howe, F. W.	do.	Various points in South Dakota, Minnesota, Iowa, and Michigan. (July 1-17, 1910.)	To gather information relating to work of agricultural colleges and schools and to deliver addresses on the agricultural educational work of the department.	74.28	Do.
Do.	do.	Amherst, Mass. (Aug. 7-13, 1910.)	To deliver an address on the agricultural educational work of the department before a conference on agricultural education at summer school of the Massachusetts Agricultural College.	26.70	Do.
Do.	do.	Various points in Kentucky. (Sept. 29-Oct. 3, 1910.)	To confer with officials of State Agricultural College at Lexington in relation to agricultural education and to deliver an address at Sullivan, Ky., on the same subject.	63.25	Do.
Lane, C. H.	do.	Manassas, Va. (Apr. 21, 1911.)	To deliver an address before Manassas High School on agricultural educational work of the department.	1.55	Do.
Do.	do.	Middletown and Harrisonburg, Va. (May 17-19, 1911.)	To investigate and report upon work of seventh district agricultural school and to deliver addresses on agricultural educational work of the department.	15.05	Do.
Do.	do.	Martinsville, Va. (June 28-30, 1911.)	To deliver an address on the agricultural educational work of the department before the fifth district teachers' conference.	22.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Langworthy, C. F.....	Expert in nutrition.....	Lake Placid, N. Y. (July 1-6, 1910)...	To confer with experts on work of department with respiration calorimeter, conduct of dietary studies in public institutions, and problems of economical living.	\$19.45	Nutrition investigations, 1911.
Do.....	do.....	Ames, Iowa, and Chicago, Ill. (July 12-27, 1910.)	To deliver addresses before Graduate School of Home Economics at Ames, and Chicago School of Education, on work of the department with respiration calorimeter and the nutrition of man, and to confer with officials of various institutions in relation to dietary work in progress.	85.30	Do.
Do.....	do.....	Brussels, Belgium. (Detour from personal travel itinerary.) (Oct. 4-6, 1910.)	To deliver address before the International Congress of Hygiene and Rational Nutrition of Man on nutrition work of department with respiration calorimeter and to consult with officials of International Society of Agricultural Education in relation to foreign cooperation in the proposed celebration of the founding of the Department of Agriculture and the agricultural experiment station system in the United States.	13.96	Do.
Do.....	do.....	Baltimore, Md., and New York City. (Nov. 11-16, 1910.)	To deliver address on nutrition work with the respiration calorimeter before meeting of domestic economy teachers and to confer with experts in relation to nutrition projects.	21.25	Do.
Do.....	do.....	Baltimore, Md. (Dec. 5, 1910.).....	To deliver an address on nutrition work of the department before meeting of domestic science workers.	3.60	Do.
Do.....	do.....	St. Louis, Mo. (Dec. 25-31, 1910.).....	To deliver address before meeting of domestic science workers on nutrition work of the department with respiration calorimeter, and to confer with experts in relation to nutrition projects.	80.30	Do.
Do.....	do.....	New York City. (Jan. 14-17, 1911.)...	To confer with officials of Columbia University in relation to investigations in nutrition.	19.55	Do.
Do.....	do.....	New York and Brooklyn, N. Y. (Apr. 4-7, 1911.)	To deliver an address on work of respiration calorimeter before Pratt Institute, and to confer with experts in relation to study of nutritive value of fats.	19.50	Do.

Do.....	.....do.....	Lake Placid, N. Y. (June 24-30, 1911.)	To confer with experts on work of department with respiration calorimeter, conduct of dietary studies in public institutions, and problems of economical living. To inspect construction work at Government experiment station.	27.15	Do.
McCroly, S. H.....	Drainage engineer.....	Beltsville, Md. (Mar. 15-Apr. 11, 1911; 8 trips.)	.....do.....	7.00	General expenses, B. A. I., 1911 (administrative expenses).
Mengel, C. W.....	Assistant drainage engineer.	Beltsville, Md. (Apr. 10-19, 1911; 9 trips.)	To confer with manufacturers in relation to refrigeration and electrical measuring devices for use in connection with respiration calorimeter.	9.30	Do.
Milner, R. D.....	Assistant, nutrition investigations.	Philadelphia, Pa., and New York City. (Sept. 2-8, 1910.)	To supervise tests of scientific apparatus under construction in connection with respiration calorimeter.	24.45	Nutrition investigations, 1911.
Do.....	.....do.....	Philadelphia and Easton, Pa., New York City and Boston. (Jan. 4-14, 1911.)	To confer with manufacturers in relation to construction of electrical apparatus for use in connection with respiration calorimeter.	48.42	Do.
Do.....	.....do.....	Philadelphia, Pa. (Jan. 27-30, 1911.)	To consult with experts in relation to physiological apparatus used in experimental work with respiration calorimeter.	5.93	Do.
Do.....	.....do.....	Philadelphia, Pa. (Mar. 10-13, 1911.)	To confer with manufacturers in relation to repairs to scientific apparatus used in connection with respiration calorimeter.	7.85	Do.
Do.....	.....do.....	Philadelphia, Pa. (May 2-3, 1911.)	To deliver address on "Ancestors of domesticated cattle and the origin of modern breeds" before Graduate School of Agriculture.	10.13	Do.
Morse, E. W.....	Editor, animal husbandry.	Chicago, Ill., and Ames, Iowa. (July 23-Aug. 2, 1910.)	To secure data relative to methods of agricultural instruction at Hampton Institute.	86.40	Agricultural experiment stations, 1911.
Rankin, J. O.....	Assistant in agronomy.....	Hampton, Va. (July 12-16, 1910.)	To investigate and report upon work of agricultural schools.	11.80	Agricultural experiment stations, 1911 (farmers' institutes).
Do.....	.....do.....	Various points in Missouri, Kentucky, and West Virginia. (Oct. 24-Nov. 1, 1910.)	.....do.....	43.95	Do.
Stedman, J. M.....	Assistant specialist, farmers' institutes.	Sewanee, Knoxville, and Chattanooga, Tenn. (July 4-9, 1910.)	To deliver an address on agricultural education before summer extension session of the University of the South, and to confer with officials of Tennessee Experiment Station in relation to farmers' institute work in that State.	60.49	Do.
Do.....	.....do.....	Various points in Minnesota and Wisconsin. (July 18-25, 1910.)	To deliver address on farmers' institute work on "farmers' day" at Willmar, Minn., and to confer with officials of the agricultural experiment stations in relation to agricultural education.	85.85	Do.
Do.....	.....do.....	Auburn, Me. (Nov. 7-10, 1910.)	To deliver address on agricultural educational work of the department before Maine State Pomological Society.	48.50	Do.
Do.....	.....do.....	Morrisville, N. Y. (Jan. 24-27, 1911.)	To deliver addresses on farmers' institute work of the department before New York State School of Agriculture during "farmers' week."	38.33	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF EXPERIMENT STATIONS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Stedman, J. M.....	Assistant specialist, farmers' institutes.	Greensboro, Raleigh, and other points in North Carolina. (Feb. 23-27, 1911.)	To investigate and report upon work of North Carolina College of Agricultural and Mechanical Arts and agricultural experiment stations at Raleigh and West Raleigh, N. C., and to deliver addresses on farmers' institute work before Agricultural and Mechanical College for Colored Race, at Greensboro, N. C.	\$32.50	Agricultural experiment stations, 1911 (farmers' institutes).
True, A. C.....	Director.....	Agricultural experiment stations in Guelph and Ottawa, Ontario. (July 30-Aug. 2, 1910.)	To confer with officials of these institutions in relation to the general conduct of agricultural experiment stations.	51.75	Agricultural experiment stations, 1911.
Do.....	do.....	Agricultural experiment stations in Vermont. (Sept. 7-14, 1910.)	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts.	32.10	Do.
Do.....	do.....	Agricultural experiment stations in Colorado, Utah, Wyoming, New Mexico, Texas and Arizona. (Sept. 15-Oct. 10, 1910.)	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and to attend Irrigation Congress at Pueblo, Colo.	326.90	Do.
Do.....	do.....	Agricultural experiment stations at Raleigh, N. C. (Nov. 2-5, 1910.)	To inspect State experiment station under act of Mar. 2, 1887, and amendatory acts.	27.70	Do.
Do.....	do.....	Chattanooga, Tenn. (Dec. 25-30, 1910.)	To address Southern Educational Association on the organization of courses of instruction in agricultural schools and colleges.	48.25	Do.
Do.....	do.....	Baltimore, Md. (Feb. 3, 1911.).....	To deliver an address at Goucher College on American System of Agricultural Education.	2.70	Do.
Do.....	do.....	Lansing, Mich.; Chicago, Ill.; Geneva and Ithaca, N. Y.; and State College, Pa. (May 17-26, 1911.)	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and to confer with officials of agricultural colleges in relation to the work.	82.89	Do.
Do.....	do.....	Agricultural experiment stations in Colorado, Wyoming, Nevada, California, Oregon, Washington, and Idaho. (June 17-30, 1911.)	To inspect State experiment stations under act of Mar. 2, 1887, and amendatory acts, and to confer with officials of colleges and experiment stations in relation to their work and expenditures.	170.85	Do.
Do.....	do.....	Manassas, Richmond, Chester, Appomattox, Burkeville, Lynchburg, and Charlottesville, Va.; Raleigh and Greensboro, N. C.; and Rock Hill, S. C. (Mar. 15-25, 1911.)	To inspect the work of the agricultural schools at the places named.	64.75	Agricultural experiment stations, 1911 (farmers' institutes).

Do.....	Norfolk, Portsmouth, Drivers, Hampton, and Fort Monroe, Va. (Apr. 7-22, 1911.)	To inspect the work of the agricultural schools at the places named, and to attend the conference of teachers of agricultural schools at Portsmouth.	30. 10	Do.
OFFICE OF PUBLIC ROADS.				
Ables, Carl C.....	Highway engineer.....	Darlington and Greenville, S. C. (July 1-31, 1910.)	\$54. 39	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). Do.
Do.....	.....do.....	Westminster, Md. (Aug. 1-Oct. 18, 1910.)	8. 60	Do.
Do.....	.....do.....	Allendale and Bennettsville, S. C. (Oct. 25-Dec. 19, 1910.)	53. 60	Do.
Do.....	.....do.....	Fairbluff, Charlotte, and Wilmington, N. C., Knoxville and Memphis, Tenn. (Jan. 7-Feb. 20, 1911.)	150. 80	Do.
Do.....	.....do.....	Union City and Morristown, Tenn. (Mar. 4-12, 1911.)	93. 60	Do.
Anderson, Andrew P.....	.....do.....	Hot Lake, Ore. (July 27-Oct. 31, 1910.)	163. 40	General expenses, Office of Public Roads, 1911 (road management). Do.
Blanchard, A. H.....	Expert.....	New York, N. Y., Washington, D. C., and Philadelphia, Pa. (Nov. 4, 1910-June 30, 1911.)	182. 31	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). Do.
Boykin, L. E.....	.....do.....	Gaylesville, Center, Fort Payne, Skrum, Guntersville, Albertville, Gadsden, Odenville, Holly Pond, Jones Chapel, Double Springs, Haleyville, and Russellville, Ala.; Greenville, Williamston, Washington, Plymouth, Columbia, Edenton, Swanquarter, Belhaven, Hertford, Currituck, Elizabeth City, Gatesville, and Winston, N. C. (July 10-Aug. 14, 1910.)	173. 18	General expenses, Office of Public Roads, 1911 (road management). Do.
Do.....	.....do.....	Mount Carmel, Md. (Sept. 17, 1910)...	5. 96	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Boykin, L. E.....	Expert.....	Parkton, Md. (Oct. 29, 1910).....	To give lecture on passing of toll roads and other reforms in road construction.	\$4.99	General expenses, Office of Public Roads, 1911 (road management). Do.
Do.....	do.....	Springfield, Tenn.; Buffalo School House, East Stone Gap, Wise, Lower Birchfield School House, Lower Pond School House, Upper Pond School House, Appalachia School House, and Hurricane Methodist Church, all in Wise County, Va. (Nov. 10-21, 1910.)	To give lecture on road construction, administration, and finances at Springfield. To give 8 lectures on road administration, economics, and finances in Wise County.	92.31	
Do.....	do.....	Dover, Del. (Nov. 28-29, 1910).....	To give lecture on road economics, administration, construction, and finances.	12.09	Do.
Do.....	do.....	Ocean View, Del. (Jan. 5-7, 1911).....	To give 2 lectures on benefits of road improvement, and on road administration, construction, and finances.	16.37	Do.
Do.....	do.....	Dover, Del. (Jan. 11, 1911).....	To give lecture on road administration, construction, and maintenance.	10.56	Do.
Do.....	do.....	Mount Sterling, Ky., and Big Stone Gap, Va. (Feb. 23-27, 1911.)	To give lecture on better roads for Kentucky at Mount Sterling. To investigate road economics at Big Stone Gap.	53.34	Do.
Do.....	do.....	Keyser, W. Va. (Mar. 6-7, 1911).....	To give lecture on road economics, administration, and organization.	16.80	Do.
Do.....	do.....	Fairfax, Va. (Mar. 11, 1911).....	To investigate road economics.	5.05	Do.
Do.....	do.....	Big Stone Gap, Va. (Mar. 20-29, 1911.)	do.....	71.54	Do.
Do.....	do.....	Clark County, Ind., Mason County, Mich., Leesburg, Forestville, and Morrisville, Va., and Butler, Pa. (Apr. 5-May 24, 1911.)	To investigate road economics in Clark and Mason Counties. To give lectures on highway improvement at Leesburg, Forestville, Morrisville, and Butler.	133.11	Do.
Chew, Harry I.....	Instrument maker.....	Knoxville, Tenn. (Sept. 5-14, 1910).....	To assist in installing exhibit of Office of Public Roads for use in connection with lectures and expert advice on road economics.	64.80	Do.
Do.....	do.....	Harrisburg, Pa. (Jan. 25-26, 1911).....	To assist in installing exhibit of Office of Public Roads on Pennsylvania good roads train.	14.82	Do.
Cooley, George L.....	Superintendent of road construction.	East Baton Rouge, La. (July 10-13, 1910.)	To give special advice in regard to the building of highways.	4.55	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).

Do.	do.	Baton Rouge, La., Dallas, Tex., Shreveport, La., and Washington, D. C. (Sept. 13-Dec. 24, 1910.)	To give special advice in regard to the building of highways at Baton Rouge. To give lecture on highway improvement at Dallas. To give special advice at Shreveport. To report and receive further instructions at Washington.	130.25	Do.
Craig, Harold K.	Civil engineer student.	Pell City, Ala., and Hattiesburg, Miss. (June 15-30, 1911.)	To assist in building gravel object-lesson road at Pell City. To assist in building sand-clay object-lesson road at Hattiesburg.	62.13	Do.
Crecelius, W. R.	do.	St. Louis, Mo., and Fort Collins, Colo. (July 1-Aug. 31, 1910.)	To inspect certain forms of road construction at St. Louis. To assist in building gravel object-lesson road at Fort Collins.	97.63	Do.
Dodge, J. H.	Superintendent of road construction.	Fort Collins and Boulder, Colo., Central City, Nebr., Wichita, Kans., Ogden, Utah, and return to Wichita; Mullinsville, Kans., Aberdeen, S. Dak., and return to Mullinsville; Falls City, Nebr., Dodge City, Garden City, Ford, and Bucklin, Kans., Columbus, Nebr., and Washington, D. C. (July 1-Dec. 31, 1910.)	To build gravel object-lesson road at Fort Collins. To give lecture on road improvement at Boulder. To build dirt object-lesson road at Central City. To build sand-clay object-lesson road at Wichita. To give 5 lectures on road construction at Ogden. To build sand-clay object-lesson road at Mullinsville. To give lecture at Aberdeen on highway improvement. To build stone object-lesson road at Falls City. To inspect object-lesson roads built by Office of Public Roads at Dodge City, Garden City, Ford, and Bucklin. To inspect object-lesson road built by Office of Public Roads at Columbus. To report and receive further instructions at Washington.	422.52	Do.
Do.	do.	State College, Pa., and Oberlin, Ohio. (Jan. 1-Apr. 25, 1911.)	To give lecture on highway improvement at State College. To report to headquarters at Oberlin.	20.31	Do.
Do.	do.	Falls City, Nebr., Pocatello, Idaho, and Missoula, Mont. (May 9-June 28, 1911.)	To build macadam object-lesson road at Falls City. To give lectures on highway construction at Pocatello and Missoula.	172.05	Do.
Draper, Clifton N.	Assistant chemist.	Westminster, Md. (Aug. 24-25, 1910.)	To assist in building experimental road.	7.85	General expenses, Office of Public Roads, 1911 (road material).
Eldridge, J. H.	Road expert.	Knoxville, Tenn. (July 16-Sept. 13, 1910.)	To build bituminous macadam object-lesson road.	21.32	Do.
Do.	do.	Ithaca, N. Y. (Sept. 21-Dec. 13, 1910.)	To assist in building experimental road.	54.86	Do.
Do.	do.	Silver Springs, Md. (June 15-27, 1911.)	To build bituminous macadam object-lesson road.	1.65	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Eldridge, M. O.....	Assistant in road management and senior assistant in road management.	Vaughnsville, Leipsic, and Continental, Ohio; Big Stone Lake, S. Dak.; Red Wing, Minn.; and Elkhart, Ind. (July 3-31, 1910.)	To give lectures on road economics and road construction and maintenance at Vaughnsville, Leipsic, and Continental. To give lecture on road economics, administration, and construction at Big Stone Lake. To make inspection and give advice at Red Wing. To give lecture on road legislation and road construction at Elkhart.	\$134.96	General expenses, Office of Public Roads, 1911 (road management).
Do.....	do.....	Knoxville, Tenn.; Louisville, Ky.; Cincinnati, Ohio; Nashville, Tenn.; Benton, Tenn., and return to Knoxville, (Aug. 29-Oct. 16, 1910.)	To give 4 lectures and take charge of exhibit of Office of Public Roads regarding road construction at Knoxville. To give lecture on road legislation at Louisville. To give 2 lectures on road economics and construction at Cincinnati. To give lecture on needed reform in road legislation in Tennessee at Nashville. To give lecture on road economics and bond issues at Benton.	135.60	Do.
Do.....	do.....	Des Moines, Iowa. (Dec. 26-31, 1910.)	To give lecture on economics, administration, and practical features of road building.	83.44	Do.
Do.....	do.....	Harrisburg, Pa. (Jan. 25-26, 1911)....	To give lecture on road economics.....	14.42	Do.
Do.....	do.....	Fairfax, Va. (Mar. 11, 1911).....	To investigate road economics.....	5.65	Do.
Do.....	do.....	Richmond and Petersburg, Va. (Mar. 16-19, 1911.)	To investigate road economics at both places.	43.65	Do.
Do.....	do.....	Nashville, Tenn. (Mar. 27-Apr. 3, 1911.)	To give lecture on economic, administrative, and legislative features of road construction.	78.07	Do.
Do.....	do.....	Charlottesville, W. Va. (May 10-12, 1911)....	To give lecture on highway improvement....	29.85	Do.
Do.....	do.....	Bridgeport, N. J. (May 25-26, 1911)....	To give lecture on road building in the United States.	17.35	Do.
Fairbank, Herbert S.....	Civil-engineer student....	Candor, N. C. (Jan. 5-19, 1911).....	To assist in making survey of road.....	41.75	General expenses, Office of Public Roads, 1911 (road material).
Do.....	do.....	Starkville, Miss., and through States of Mississippi, Tennessee, Alabama, and Georgia. (Mar. 13-June 30, 1911.)	To assist in building object-lesson road at Starkville. To assist with lectures on highway engineering on Southern food-roads train through States of Mississippi, Tennessee, Alabama, and Georgia.	179.50	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance.)

Haire, D. G.	Road expert.....	Rosslyn, Va.; Milford, Del.; Knoxville, Tenn.; Starkville, Miss.; Macon, Miss., and return to Starkville, and Washington, D. C. (July 1, 1910-Jan. 11, 1911.)	To build stone object-lesson road at Rosslyn. To build sand-clay object-lesson road at Milford. To inspect object-lesson road built by Office of Public Roads at Knoxville. To build macadam object-lesson road at Starkville. To make inspection and give advice at Macon. To confer with chief engineer and receive instructions at Washington.	136.84	Do.
Do.	do.....	Starkville, Miss. (Mar. 15-June 30, 1911.)	To continue the construction of the object-lesson road.	59.31	Do.
Harrison, Charles T.	do.....	Arlington, Tex.; Marianna, Ark.; Senatobia, Miss.; return to Marianna; Mansfield, La.; Waldron, Ark.; return to Marianna; Baton Rouge, La.; Pell City, Ala., and Hattiesburg, Miss. (July 1, 1910-June 30, 1911.)	To build gravel object-lesson road at Arlington. To build earth object-lesson road at Marianna. To give lectures on highway improvement at Senatobia and Mansfield. To make inspections and give advice at Waldron and Baton Rouge. To build gravel object-lesson road at Pell City. To build sand-clay object-lesson road at Hattiesburg.	172.92	Do.
Heidel, Benjamin F.	Highway engineer.....	Medford, Ore. (Nov. 9-14, 1910).....	To make survey of road at Crater Lake.....	115.95	Do.
Do.	do.....	Medford, Salem, and Portland, Ore.; Sheridan, Wyo.; Boise, Idaho; Central City, Nebr.; Auburn, Nebr.; Valley City, N. Dak., and Washington, D. C. (Nov. 28, 1910-June 30, 1911.)	To make survey of Crater Lake Road at Medford. To confer with authorities in regard to Crater Lake Road at Salem and Portland. To make inspection and give advice at Sheridan. To give 8 lectures on highway improvement at Boise. To make inspection and give advice at Central City and Auburn. To build earth object-lesson road at Valley City. To confer with chief engineer and receive further instructions in Washington.	710.39	Do.
Hoyt, Charles H.	Superintendent of road construction.....	Westminster, Md. (July 5, 1910).....	To build experimental bituminous macadam road.	4.85	General expenses, Office of Public Roads, 1911 (road management). Do.
Do.	do.....	Abbeville and Greenville, S. C. (July 13-15, 1910.)	To investigate bridge construction at Abbeville. To make inspection of object-lesson road built by Office of Public Roads at Greenville.	45.45	
Do.	do.....	Westminster, Md. (July 18, 1910).....	To build experimental bituminous macadam road.	3.25	General expenses, Office of Public Roads, 1911 (road material). General expenses, Office of Public Roads, 1911 (road management). Do.
Do.	do.....	La Plata, Md. (July 21, 1910).....	To give lecture on subject of highway maintenance and improvement.	2.82	
Do.	do.....	Westminster, Md. (July 27-28, 1910).....	To build experimental bituminous macadam road.	4.70	
Do.	do.....	Winchester, Va. (July 29-31, 1910).....	To give lecture on highway improvement....	8.35	Do.
Do.	do.....	Westminster, Md. (Aug. 1-2, 1910).....	To build experimental bituminous macadam road.	4.40	Do.
Do.	do.....	Westminster, Md. (Aug. 7-Sept. 3, 1910.)	do.....	15.25	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Hoyt, Charles H.....	Superintendent of road construction.	Ithaca, N. Y.; Boston, Mass., and Providence, R. I. (Sept. 9-Oct. 4, 1910.)	To inspect experimental roads built by Office of Public Roads at Ithaca. To investigate bridge construction at Boston. To in- spect bituminous macadam road built by Office of Public Roads at Providence.	\$129.66	General expenses, Office of Public Roads, 1911 (investigating road building and mainte- nance). Do. Do. Do.
Do.....	do.....	Bennettsville, S. C. (Nov. 9-15, 1910).	To investigate bridge construction.....	30.70	Do.
Do.....	do.....	Uniontown, Pa. (Dec. 16-18, 1910)....	To give lecture on improved highways.....	22.05	Do.
Do.....	do.....	Bristol, Knoxville, and Chattanooga, Tenn., Bowling Green, Ky., At- lanta, Ga., and Bennettsville, S. C. (Dec. 24-31, 1910.)	To make inspections and give advice at Bristol, Knoxville, Bowling Green, At- lanta, and Bennettsville. To give lecture on highway engineering at Chattanooga.	94.09	Do.
Do.....	do.....	Charleston, W. Va. (Jan. 25-27, 1911.)	To give lecture on improved roads in the United States and foreign countries.	30.45	Do.
Do.....	do.....	Kittanning, Freeport, New Kensing- ton, and Somerset, Pa. (Feb. 1-4, 1911.)	To give 4 lectures on improved roads.....	31.27	Do.
Do.....	do.....	Columbia, S. C. (Feb. 5-8, 1911.).....	To give 4 lectures on different phases of high- way improvement.	45.45	Do.
Do.....	do.....	New York, N. Y. (Mar. 10-11, 1911.)....	To collect information to be used in publica- tion on subject of bridge construction.	22.45	Do.
Do.....	do.....	Lancaster, Pa. (Mar. 15-16, 1911.).....	To give lecture on improved highways.....	14.02	Do.
Do.....	do.....	Martinsburg, W. Va. (Mar. 21-22, 1911.)	To make inspection and give advice.....	6.71	Do.
Do.....	do.....	Westminster, Md., Miami, Jackson- ville, and Palatka, Fla., Savannah, Ga., Pittsboro, N. C., return to West- minster, Dillon, Clemson College, and Greenville, S. C., Raleigh and Williamston, N. C. (Mar. 28-June 14, 1911.)	To build experimental bituminous macadam road at Westminster. To make inspection and give advice at Miami. To give lecture on improved highways at Jacksonville. To make inspections and give advice at Palatka and Savannah. To give lecture on highway engineering at Pittsboro. To investigate bridge construction at Dillon. To make inspection and give advice at Clemson College. To inspect object-lesson road built by Office of Public Roads at Greenville. To make preliminary inspec- tion and give advice at Raleigh. To in- spect object-lesson road built by Office of Public Roads at Williamston.	185.70	Do.

Hubbard, Prevost.	Chemist.	Atlantic City, N. J. (July 1-2, 1910.)	To deliver scientific address before American Society for Testing Material.	General expenses, Office of Public Roads, 1911 (road material).
Do.	do.	Greenville, S. C., Decatur, Ga., return to Greenville, and Knoxville, Tenn. (July 18-24, 1910.)	To construct bituminous macadam object-lesson road at Greenville. To inspect object-lesson road built by Office of Public Roads at Decatur. To construct object-lesson road at Knoxville.	9. 70
Do.	do.	Baltimore and Westminster, Md. (Aug. 10-11, 1910.)	To make inspection and give advice at Baltimore. To construct experimental bituminous macadam road at Westminster.	77. 00
Do.	do.	The Plains, Va. (Sept. 6, 1910.)	To make inspection and give advice.	9. 30
Do.	do.	Ithaca, N. Y., Ames and Des Moines, Iowa, Springfield, and Edwardsville, Ill., East St. Louis, and Pekin, Mo., Chicago, Ill., return to Ames; Boise, Idaho, and return to Ames. (Sept. 8-Oct. 14, 1910.)	To inspect experimental roads built by Office of Public Roads at Ithaca. To construct experimental road at Ames. To make inspections and give advice at Des Moines, Springfield, Edwardsville, East St. Louis, Pekin, and Chicago. To build oiled-gravel object-lesson road at Boise.	3. 15
Do.	do.	White Plains, Jamaica, L. I., and Port Richmond, N. Y., return to White Plains; Ridgewood, N. J., and Ithaca, N. Y. (Oct. 20-Nov. 3, 1910.)	To build experimental roads at White Plains, Jamaica, and Port Richmond. To construct oil-concrete experimental road at Ridgewood. To inspect experimental roads at Ithaca.	328. 96
Do.	do.	New York, N. Y., and Ridgewood, N. J. (Jan. 19-22, 1911.)	To give lecture on highway engineering at New York. To inspect experimental road at Ridgewood.	Do.
Do.	do.	Youngstown, Ohio. (Jan. 27-28, 1911.)	To inspect object-lesson road built by Office of Public Roads.	Do.
Do.	do.	New York, N. Y. (Feb. 4-5, 1911.)	To construct experimental road on Hillside Avenue.	Do.
Do.	do.	New York, N. Y. (Feb. 17-18, 1911.)	do.	Do.
Do.	do.	Ridgewood, N. J. (Mar. 17-19, 1911.)	To inspect experimental road built by Office of Public Roads.	22. 05
Do.	do.	Westminster, Md. (Mar. 28, 1911.)	do.	24. 80
Do.	do.	New York, N. Y. (Apr. 7-9, 1911.)	To inspect experimental road on Hillside Avenue.	5. 80
Do.	do.	Ithaca, Groton, and New York, N. Y. (May 3-7, 1911.)	To inspect experimental roads built by Office of Public Roads.	32. 85
Do.	do.	Ithaca, N. Y. (May 19-21, 1911.)	To construct experimental road.	Do.
Do.	do.	New York, N. Y., and Westminster, Md. (May 23-24, 1911.)	To inspect experimental roads.	Do.
Do.	do.	Westminster, Md. (May 27, 1911.)	To inspect experimental road.	27. 30
Do.	do.	White Plains and New York, N. Y. (June 4-5, 1911.)	To inspect experimental roads.	20. 05
Do.	do.	New York, N. Y. (June 13, 1911.)	To deliver scientific lecture before American Society for Testing Material.	5. 52
Do.	do.	Atlantic City, N. J. (June 27-30, 1911.)	To inspect experimental roads.	21. 95
Jackson, Frank H.	Laboratory assistant.	Baltimore, Md. (Mar. 28, 1911.)	To investigate road material testing machine.	Do.
				17. 30
				32. 65
				2. 20

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
James, Edwin W.	Highway engineer.....	Elizabeth City and Manteo, N. C., return to Elizabeth City; Marion, Hampton, Darlington, and Harts-ville, S. C., return to Darlington; Mount Pleasant, S. C., Wetumpka, Ala., Memphis, Tenn., Gulfport and Jackson, Miss., return to Gulfport; Houston, Tex., Collins and Gloster, Miss., Cedar Hill, Tenn., and Bowling Green, Ky. (July 4-Dec. 21, 1910.)	To build earth object-lesson road at Eliza-beth City. To make inspection and give advice at Manteo. To build sand-clay object-lesson road at Marion. To build object-lesson road at Hampton. To make inspection, give advice, and build object-lesson road at Darlington. To make in-spection and give advice at Hartsville. To give lecture on the construction and maintenance of sand, shell, and sand-clay roads at Mount Pleasant. To devise model system of highways at Wetumpka. To give lecture on highway economics and administration at Memphis. To build object-lesson road at Gulfport. To give lecture on the construction and mainte-nance of sand-clay and gravel roads at Jack-son. To give lecture on the best way to secure good roads at Houston. To make inspection and give advice at Collins. To give 4 lectures on sand-clay road construc-tion at Gloster. To make inspection and give advice at Cedar Hill. To inspect object-lesson road built by Office of Public Roads at Bowling Green.	\$401.32	General expenses, Office of Public Roads, 1911 (investigating road building and main-te-nance).
Do.	do.	Wetumpka, Montgomery, and Mobile, Ala., De Funiak Springs, Fla., re-turn to Mobile; Waynesboro, N. C., return to Mobile; Jackson, Ala., re-turn to Mobile; return to Wetumpka; Williamston, N. C., Louisville, Ky., and points touched by South-ern Railway good roads train. (Jan. 6-June 30, 1911.)	To make inspection and give advice at We-tumpka. To give lecture on highway im-provement at Montgomery. To devise model system of highways and build sand-clay object-lesson road at Mobile. To give 4 lectures on road construction at De Funiak Springs. To investigate road ma-terials at Waynesboro and Jackson. To build object-lesson road at Williamston. To inspect pike between Louisville and Nashville at Louisville. To give 19 lec-tures on highway improvement on South-ern Ry. good roads train.	357.83	Do.
Keller, W. S.	Superintendent of road construction.	Cleveland, Miss., and Greenville, Ala. (July 27-Aug. 7, 1910)	To give lecture on good roads at Cleveland. To make inspection and give advice at Greenville.	35.75	General expenses, Office of Public Roads, 1911 (road management).

Kennedy, William P.....	Expert.....	Washington, D. C. (Apr. 9-13, 1911)...	To design automobile equipment for road building and maintenance.	24.10	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). Do. Do.
Langlois, Henry J.....	Highway engineer.....	Dickerson, Md. (Sept. 15, 1910).....	To investigate road-building materials.....	1.55	
Do.....	do.....	Berea, Ky., and Dresden, Tenn. (Sept. 18-Dec. 21, 1910.)	To build macadam object-lesson road at Berea. To give advice and make inspection at Dresden, and to return to Berea.	159.27	
Do.....	do.....	Coffeeville, Charleston, and Aberdeen, Miss., and Demopolis, Ala. (Jan. 29-June 30, 1911.)	To build sand-clay object-lesson road at Coffeeville. To make inspections and give advice at Charleston and Aberdeen. To build sand-clay object-lesson road at Demopolis.	147.88	Do.
Lovejoy, Carl H.....	Civil engineer student.....	Bluemont, Va. (July 5-9, 1910).....	To assist in making survey of road.....	9.23	Do.
Do.....	do.....	Warm Springs, Ga., Biscoe, N. C., Lumber City, Ga., Starkville, Miss., and Candor, N. C. (July 10, 1910-Apr. 17, 1911.)	To assist in constructing sand-clay object-lesson road at Warm Springs. To make survey at Biscoe. To assist in constructing sand-clay object-lesson road at Lumber City. To assist in constructing object-lesson road at Starkville. To make survey at Candor.	310.70	Do.
McClure Fay.....	Superintendent of road construction.	Carlsbad, Bernalillo County, and Las Cruces, N. Mex. Christi and Karnes County, Tex. (July 1-Dec. 14, 1910.)	To build gypsum clay object-lesson road at Carlsbad. To devise model system of highways at Bernalillo County. To build object-lesson road at Las Cruces. To make inspections and give advice in Christi and Karnes County.	209.76	Do.
Do.....	do.....	Washington, D. C., Meridian and Lauderdale, Miss., Dallas County and Russell County, Ala., Manatee County, Fla., Lexington Township, N. C., return to Washington; Norfolk, Va., Grainger County and Grand View, Tenn. (Feb. 13, 1911-June 4, 1911.)	To confer with chief engineer and receive instructions at Washington. To make economic investigation at Meridian, Lauderdale, Dallas County, Russell County, Manatee County, and Lexington Township. To confer with chief engineer and prepare reports on Dallas and Russell Counties at Washington. To make inspection and give advice at Norfolk. To make preliminary survey of Memphis-to-Bristol Highway in Grainger County. To make inspection and give advice at Grand View.	325.22	Do.
Marshall, George D.....	do.....	4 trips between Detroit and Kalamazoo, Mich. (July 9-Sept. 30, 1910.)	To make preliminary inspection, give advice, build gravel object-lesson road, and give lecture on highway improvement at Detroit. To devise model system, give advice, and build gravel object-lesson road at Kalamazoo.	144.88	Do.
Do.....	do.....	Washington, D. C., Aiken and Allendale, S. C., and return to Aiken. (Oct. 10-Nov. 23, 1910.)	To work on Kalamazoo model system at Washington. To make inspection, give advice, and build sand-clay object-lesson road at Aiken. To make inspection, give advice, and build sand-clay object-lesson road at Allendale.	125.95	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Marshall, George D.	Superintendent of road construction.	Saugus, Mass. (Dec. 12-17, 1910).....	To investigate the testing of road materials...	\$5.95	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).
Do.	do.....	Cordell and Blackwell, Okla., return to Cordell; 3 trips between Cordell and Carnegie; Dill, Hydro, Hugo, return to Hydro; and Sayre, Okla., and Van Buren, Ark. (Jan. 21-June 30, 1911.)	To build sand-clay object-lesson road and give lecture on highway improvement at Cordell. To give lecture on road construction at Blackwell. To give lecture on road construction, give advice, make inspection, and build sand-clay object-lesson road at Carnegie. To give lecture on highway improvement at Dill. To devise model system of highways, give lecture on road construction, and build sand-clay object-lesson road at Hydro. To give lecture on highway improvement at Hugo. To give advice, make inspection, and deliver lecture on highway improvement at Sayre. To give advice and make inspection at Van Buren.	297.40	Do.
Martin, Randolph	Junior highway engineer.	Boise, Idaho, Caldwell, Idaho, and return to Boise. (July 1-Sept. 12, 1910.)	To build experimental bituminous macadam object-lesson road at Boise. To make inspection and give advice at Caldwell.	46.60	Do.
Moorefield, Charles H.	Highway engineer.....	Marion, S. C., Vernon, Fla., Biscoe, N. C., Lumber City, Ga., return to Vernon; Pinehurst, N. C., return to Biscoe. (July 1, 1910-Jan. 18, 1911.)	To build object-lesson road of sand-clay at Marion. To build sand-clay object-lesson road, make survey and inspection, and give advice at Vernon. To make survey of Central Highway at Biscoe. To build sand-clay object-lesson road at Lumber City. To make survey of Central Highway at Pinehurst.	259.88	Do.
Do.	do.....	Blacksburg, Va., Wilson and Winston-Salem, N. C., return to Wilson; and Black Mountain Township, N. C. (May 6-June 30, 1911.)	To give 2 lectures on roads and bridges at Blacksburg. To build sand-clay object-lesson road at Wilson. To give lecture on sand-clay roads at Winston-Salem. To make survey of Central Highway in Black Mountain Township.	99.94	Do.
Morton, Robert M.	Assistant highway engineer.	Sebastopol, Cal. (Feb. 25-26, 1911)....	To make inspection and give advice.....	11.65	Do.

Page, Logan W.....	Director.....			830. 60	General expenses, Office of Public Roads, 1911 (road management).
		Atlantic City, N. J., North Tisbury, Mass., Mountain Lake Park, Md., Oklahoma City, Okla., New York, N. Y., Chicago, Ill., 5 trips to New York, N. Y., Indianapolis, Ind., Richmond, Va., Norfolk, Va., Harrisburg, Pa., 2 trips to New York, N. Y., Fairfax, Va., Birmingham, Ala., and Atlantic City, N. J. (July 1, 1910-June 30, 1911.)	To deliver scientific lecture before American Society for Testing Material at Atlantic City. To make inspection and give advice at North Tisbury. To give lecture on systematic road construction and maintenance at Mountain Lake Park. To give lecture on principles which should govern road administration at Oklahoma City. To make inspection and give advice in regard to experimental road on Hillside Avenue in New York. To inspect experimental roads in Chicago. To make inspections of experimental roads, to deliver lectures before Society of Automobile Engineers on the construction of highways for motor traffic, and deliver lecture before American Society of Civil Engineers on preliminary investigations in New York. To give lecture on road construction in Indianapolis. To give lecture on highway improvement before Chamber of Commerce at Richmond. To give lecture on highway improvement before road association at Norfolk. To give lecture on highway improvement before Engineers' Society and State Legislature at Harrisburg. To make inspections of experimental roads in New York. To make inspection and give advice at Fairfax. To give lecture on road construction and maintenance in the South before the National Good Roads Congress at Birmingham. To deliver 2 scientific lectures on bituminous road materials at Atlantic City, N. J. To assist in construction of bituminous macadam road.		
Patterson, Harry W.....	Civil engineer student.....	Greenville, S. C. (July 2-Aug. 5, 1910).	To assist in construction of experimental bituminous macadam road.	67. 93	Do.
Do.....	do.....	Westminster, Md. (Aug. 8-27, 1910).	To assist in building sand-clay object-lesson roads at Starkville and Walterboro. To assist in building concrete culverts at Bennettsville. To assist in making survey of Central Highway, at Candor.	46. 20	Do.
Do.....	do.....	Starkville, Miss., Walterboro and Bennettsville, S. C., and Candor, N. C. (Aug. 28, 1910-Jan. 18, 1911.)	To assist in constructing object-lesson road and to receive instruction in highway engineering.	202. 66	Do.
Do.....	do.....	Pell City, Ala. (May 13-June 3, 1911).	To collect information on the subject of brick roads, to make inspections, and give expert advice.	97. 45	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).
Peirce, Vernon M.....	Chief engineer.....	Streator, Gatesbury, Monmouth, and Danville, Ill., Terre Haute, Indianapolis, and Plainfield, Ind. (July 1-8, 1910.)		81. 51	Do.

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Peirce, Vernon M.....	Chief engineer.....	Birmingham, Ala., and Aiken, S. C. (Oct. 12-17, 1910.)	To give lecture on the use of convicts in road building at Birmingham. To make inspection and give advice at Aiken.	\$78.48	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). Do.
Do.....	do.....	Ithaca and Port Richmond, N. Y., Newton, Mass., and Ridgewood, N. J. (Oct. 24-Nov. 18, 1910.)	To make inspections and give advice at Ithaca and Port Richmond. To investigate road-building materials at Newton. To make inspection and give advice at Ridgewood.	79.83	Do.
Do.....	do.....	Points touched in Pennsylvania by Pennsylvania Railroad good roads train and Trenton, N. J. (Mar. 22-25, 1911.)	To make inspection and give instructions on Pennsylvania Railroad good roads train. To make inspection of object-lesson road built by Office of Public Roads at Trenton.	40.47	Do.
Do.....	do.....	Alexandria, Va. (Mar. 29, 1911).....	To make inspection and give advice.....	1.00	Do.
Do.....	do.....	Baltimore, Md. (Mar. 31, 1911).....	do.....	1.25	Do.
Do.....	do.....	Fairfax, Va. (Apr. 13, 1911).....	do.....	.90	Do.
Do.....	do.....	Westminster, Md. (May 27, 1911).....	do.....	6.87	Do.
Do.....	do.....	Mount Vernon, Va. (June 6, 1911).....	do.....	1.10	Do.
Pennybacker, J. E., Jr.....	Assistant in road management and chief of road management.	Niagara Falls, N. Y. (July 28-Aug. 2, 1910.)	To deliver lecture on road management.....	66.75	General expenses, Office of Public Roads, 1911 (road management). Do.
Do.....	do.....	Indianapolis, Ind. (Dec. 6-10, 1910).....	do.....	59.95	Do.
Do.....	do.....	Columbia, S. C. (Jan. 16-18, 1911).....	do.....	38.90	Do.
Do.....	do.....	Raleigh, N. C. (Jan. 25-28, 1911).....	do.....	31.05	Do.
Do.....	do.....	Little Rock, Ark., Montgomery, Ala., and Moultrie, Ga. (Feb. 6-10, 1911.)	do.....	117.64	Do.
Do.....	do.....	Atlanta and Rome, Ga. (Mar. 9-12, 1911.)	do.....	49.55	Do.
Do.....	do.....	Weldon, Scotland Neck, and Roanoke Junction, N. C. (Apr. 5-7, 1911.)	do.....	24.74	Do.
Do.....	do.....	Houlton, Me. (May 1-5, 1911).....	do.....	60.00	Do.
Pratt, Avery J.....	Civil engineer student.	Bluemont, Va. (July 3-8, 1910).....	To assist in making survey of road.....	11.73	Do.
Do.....	do.....	Elizabeth City, N. C., and Marion and Hampton, S. C. (Central City and Falls City, Nebr., Wichita and Mulinsville, Kans., Starkville, Miss., and Biscoe, N. C. (July 9, 1910-Apr. 25, 1911.)	To assist in building object-lesson roads at Elizabeth City, Marion, Hampton, Central City, Wichita, Mullinsville, Falls City, and Starkville. To assist in making survey of Central Highway at Biscoe.	477.18	Do.

Reeve, Charles S.....	Assistant chemist.....	Rockland, Me., Ridgewood, N. J., and Port Richmond, N. Y. (July 31-Aug. 20, 1910.)	To construct experimental roads.....	114.03	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). Do.
Do.....	do.....	Norfolk and Richmond, Va. (June 23-24, 1911.)	To make inspections and give advice.....	17.15	Do.
Rhodes, William H., jr.....	Civil engineer student.	Milford, Del. (July 26-Aug. 22, 1910.)	To assist in the construction of a sand-clay object-lesson road.	47.60	General expenses, Office of Public Roads, 1911 (road management). Do.
Do.....	do.....	Westminster, Md. (Aug. 23-Sept. 30, 1910.)	To assist in constructing experimental bituminous macadam road.	71.45	Do.
Do.....	do.....	Walterboro, S. C., Lumber City, Ga., Vernon and Chipley, Fla., and Candor and Biscoe, N. C. (Oct. 6, 1910-Jan. 18, 1911.)	To assist in constructing object-lesson roads at Walterboro and Lumber City. To assist in making surveys at Vernon, Chipley, Candor, and Biscoe.	224.32	
Do.....	do.....	Falls City, Nebr. (May 16-June 30, 1911.)	To assist in building object-lesson road.....	85.95	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance). General expenses, Office of Public Roads, 1911 (road management).
Robey, Edgar R.....	Clerk.....	Sandy Springs, Md. (May 18-20, 1911.)	To operate stereopticon for illustrated lecture on highways.	3.40	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).
Rosengarten, Walter E.....	Civil engineer student.	Pell City, Ala., and Starkville, Miss. (June 6-30, 1911.)	To assist in building object-lesson roads.....	54.62	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).
Sargent, Paul D.....	Assistant director.....	Augusta, Me., Boston, Mass., and New York, N. Y. (Feb. 15-19, 1911.)	To make inspections and give advice.....	44.55	General expenses, Office of Public Roads, 1911 (road material). Do.
Do.....	do.....	Westminster, Md., Providence, R. I., Boston and Newton, Mass., Houlton, Brewer, Rockland, Augusta, and Portland, Me., Minneapolis, Minn., and Memphis, Tenn. (Mar. 28-June 25, 1911.)	To make inspection and give advice at Westminster. To deliver lecture on highway improvement at Providence. To inspect object-lesson road built by Office of Public Roads at Newton. To deliver lecture on road construction at Houlton. To make inspection and give advice at Brewer. To inspect object-lesson road built by Office of Public Roads at Rockland. To make inspection and give advice at Augusta. To inspect object-lesson road built by Office of Public Roads at Portland. To inspect bituminous macadam work at Boston. To make inspection and give advice at Minneapolis. To make inspection and give advice in regard to Memphis-to-Bristol highway, at Memphis.	285.92	

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total ex- pense.	Appropriation.
Sherwood, Carl C.....	Junior highway engineer.	Phoenix, Ariz., 3 trips between Carnegie and Cordell, Okla., and Fort Cobb, Okla. (July 1, 1910-June 5, 1911.)	To build oil-macadam object-lesson road at Phoenix. To build sand-clay object-lesson roads at Carnegie and Cordell. To make inspection and give advice at Fort Cobb.	\$280.97	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance.)
Thomas, Charles R., jr. . . .	Highway engineer.....	Center, Livingston, Channing, Big Springs, return to Livingston; Corsicana, Mexia, Tyler, Nacogdoches, Troupe, Hallville, Terrell, Paris, Gregory, Clarksville, Bastrop, Giddings. Brady, return to Abilene; return to Brady; Marble Falls, Alvin, Le-grange, return to Alvin; Cameron and Bowie, all in Texas. (July 1, 1910-June 27, 1911.)	To build gravel and sand-clay object-lesson road at Center. To make inspections and give advice at Livingston, Channing, Corsicana, Mexia, Tyler, Nacogdoches, Troupe, Hallville, Terrell, Paris, Gregory, Clarksville, Brady, Marble Falls, and Alvin. To devise model systems of highways at Big Springs, Abilene, Bastrop, Giddings, Alvin, Cameron, and Bowie. To build object-lesson roads at Livingston. To deliver lecture on road construction at Le-grange.	796.50	General expenses, Office of Public Roads, 1911 (road material).
Toms, Raymond E.....	Junior highway engineer.	Hickory, N. C. (Nov. 2-3, 1910).....	To deliver lecture on roads as a county asset and some features in their construction.	6.90	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance.)
Do.....	do.....	Coffeeville, Greenwood, return to Coffeeville; Indianola, return to Coffeeville; Brookhaven and Hazelhurst, all in Mississippi; Washington, Waycross, Reidsville, Albany, return to Reidsville; Statesboro, all in Georgia. (Jan. 29-June 30, 1911.)	To build sand-clay object-lesson roads at Coffeeville, Washington, and Reidsville. To make inspections and give advice at Greenwood, Hazelhurst, and Statesboro. To give lectures on road construction at Indianola, Waycross, Albany, and Statesboro. To devise model system of highways at Brookhaven.	197.76	Do.
Voshell, James T.....	Highway engineer.....	Missoula, Mont., Lewiston, Idaho, Hood River, Oreg., Rockland, Me., and Boston, Mass. (July 1-Sept. 10, 1910.)	To build object-lesson, road at Missoula. To make inspections and give advice at Lewiston and Hood River. To build experimental bituminous macadam road at Rockland. To make inspection and give advice at Boston.	416.83	Do.
Do.....	do.....	Dickerson, Md. (Sept. 15, 1910).....	To investigate road-building materials.....	3.39	Do.
Do.....	do.....	Amherst, Va. (Oct. 2-4, 1910).....	To give lecture on road construction.....	18.95	Do.
Do.....	do.....	Westminster, Md. (Oct. 5-14, 1910) ..	To investigate best methods of road making and to give expert advice.	6.55	Do.
Do.....	do.....	Jamaica, Long Island, and Ithaca, N. Y. (Nov. 2-10, 1910.)	To investigate economic conditions in regard to traffic census at Jamaica. To construct experimental road at Ithaca.	69.15	Do.

Do.	do.	Wilmington, Del. (Nov. 22, 1910).	To make inspection and give advice.	11. 11	Do.
Do.	do.	Columbus, Ohio, and Evansville, Ind. (Jan. 23-26, 1911.)	To deliver lectures on highway improvement.	47. 35	Do.
Do.	do.	Cape Girardeau, Mo., Independence, Kans., Central City, Nebr., and Keyser, W. Va. (Feb. 13-Mar. 25, 1911.)	To give lecture on road construction at Cape Girardeau. To make inspections and give advice at Independence and Central City. To devise model system of highways at Keyser.	153. 04	Do.
Do.	do.	Easton, Md. (May 3-5, 1911).	To give lecture on highway improvement.	7. 80	Do.
Do.	do.	Newark, Del. (May 24-27, 1911).	To build object-lesson road.	13. 14	Do.
Do.	do.	Charleston and Richmond, W. Va. (June 1-8, 1911.)	To make inspections and give advice.	53. 05	Do.
Do.	do.	Silver Springs and Chevy Chase, Md. (June 19-26, 1911.)	To build object-lesson road at Silver Springs. To inspect experimental roads at Chevy Chase.	1. 20	Do.
Ward, Walter J.	Superintendent of road construction.	Blumenton, Va. (July 7-8, 1910).	To make inspection and give advice.	11. 95	Do.
Do.	do.	Darlington and Marion, S. C., Rockdale, Tex., and 3 trips between Carnegie and Cordell, Okla. (July 9, 1910-Jan. 28, 1911.)	To build object-lesson roads.	265. 79	Do.
Wells, Herbert C.	do.	Augusta, Chalybeate Springs, Chamblee and Warm Springs, Ga.; Walterboro, S. C.; Raleigh, N. C.; return to Walterboro; Eastman, Ga.; and Washington, D. C. (July 1-Dec. 12, 1910.)	To make inspection and give advice at Augusta. To build sand-clay object-lesson road at Chalybeate Springs. To build sand-clay object-lesson roads at Warm Springs, Walterboro, and Eastman. To give lectures on highway improvement at Chamblee and Raleigh. To confer with chief engineer and receive instructions at Washington.	184. 45	Do.
Do.	do.	Lincoln, Nebr.; Pierre, Clear Lake, Henry, Watertown, Clark, Lurton, Bryant, Lake Preston, Arlington, Castledown, Brookings, Howard, Flandreau, and Madison, S. Dak., and points in Pennsylvania touched by Pennsylvania Railroad good roads train. (Jan. 17-Mar. 28, 1911.)	To give 102 lectures on road construction.	374. 33	Do.
Do.	do.	Kingsree, S. C. (Apr. 3-20, 1911).	To build sand-clay object-lesson road.	61. 07	Do.
Do.	do.	Points touched by Southern good roads train, Beaufort, Morehead City and Newbern, N. C. (Apr. 21-June 30, 1911.)	To give 43 lectures on road construction at points touched by Southern good roads train. To build object-lesson roads at Beaufort, Morehead City, and Newbern. To secure photographs of highways on automobile tour of inspection.	289. 45	Do.
Westgard, A. L.	Special agent.	New York, N. Y., and Pacific coast of California. (Nov. and Dec., 1910).		5. 85	Annual expenses, Office of Public Roads, 1911 (road management).
Wilmot, James.	Junior highway engineer	Gloster, La. (Aug. 10-13, 1910).	To build object-lesson road.	48. 15	General expenses, Office of Public Roads, 1911 (investigating road building and maintenance).

Statement showing the names of officers or employees (other than special agents, inspectors, or employees who in the discharge of their regular duties are required to constantly travel) who traveled on official business from Washington to points outside of the District of Columbia during the fiscal year 1911, etc.—Continued.

OFFICE OF PUBLIC ROADS—Continued.

Name.	Title.	Destination.	Business or work.	Total expense.	Appropriation.
Wilmot, Sidney.....	Civil engineer, student and junior highway engineer.	Arlington, Tex., Marianna, Ark., and Biscoe, N. C. (July 1, 1910-Jan. 20, 1911.)	To assist in building object-lesson roads at Arlington and Marianna. To assist in making survey of road at Biscoe.	\$115.15	General expenses, Office of Public Roads, 1911 (investigating building and maintenance).
Winslow, David H.....	Superintendent of road construction.	Newberry, St. Matthew, Orangeburg, Charleston, Waterboro, Beaufort, Hampton, Bamberg, Barnwell, Aiken, Edgefield, Lexington, Camden, Sumter, Manning, Kingstree, Georgetown, Conway, Marion, Dillon, Bishopville, Darlington, Florence, Society Hill, Hartsville, Chesterfield, Dixie, Chester, Yorkville, Union, Greenville, Merrittsville, Pickens, Walhalla, Anderson, Abbeville, Greenwood, Laurens, Columbia, Winnsboro, and Clemson College, all in South Carolina. (July 4-Sept. 1, 1910.)	To give 41 lectures on road construction, and to give advice and make inspection at Clemson College.	219.79	General expenses, Office of Public Roads, 1911 (road material).
Do.....	do.....	Rockland, Me., and Dublin, N. H. (Sept. 2-Oct. 26, 1910.)	To inspect experimental bituminous macadam road at Rockland. To make inspection, give advice, and deliver lecture on highway improvement at Dublin.	87.96	Do.
Do.....	do.....	Aiken, Waterboro, return to Aiken; Allendale, return to Aiken, all in South Carolina; Florence, Talladega, Sylacauga, and return to Talladega, all in Alabama; New Albany, Myrtle, and return to New Albany, all in Mississippi; Anniston, Ala., and Eastman, Ga. (Oct. 27, 1910-Jan. 6, 1911.)	To make inspections and give advice at Aiken, Waterboro, Allendale, Florence, Talladega, New Albany, Myrtle, and Anniston. To give lectures on highway improvement at Aiken, Talladega, Sylacauga, New Albany, and Anniston. To build sand-clay object-lesson roads at Aiken and Eastman.	275.31	Do.
Do.....	do.....	Through State of Pennsylvania on Pennsylvania R. R. good roads train. (Jan. 25-Mar. 28, 1911.)	To give 173 lectures on highway improvement.	232.33	Do.
Do.....	do.....	State College, Pa. (Apr. 2-4, 1911)	To give 3 lectures on highway improvement.	7.45	Do.
Do.....	do.....	Points touched by Southern Ry. good roads train. (Apr. 5-June 21, 1911.)	To give 70 lectures on highway improvement.	293.08	Do.
Do.....	do.....	Silver Springs, Md. (June 22-June 30, 1911.)	To build bituminous object-lesson road	1.00	Do.

RECAPITULATION BY APPROPRIATIONS.

General expenses, Weather Bureau, 1911.....	\$2,798.01
General expenses, Bureau of Animal Industry, 1911:	
Inspection and quarantine.....	3,825.08
Eradicating cattle ticks.....	593.81
Dairy industry.....	9,103.13
Animal husbandry.....	4,203.93
Diseases of animals.....	2,330.14
Administrative expenses.....	2,421.90
Cooperative experiments in animal feeding and breeding, 1911.....	1,271.89
Meat inspection, Bureau of Animal Industry, 1911.....	3,763.03
General expenses, Bureau of Animal Industry, 1911-12.....	3.10
General expenses, Bureau of Plant Industry, 1911:	
Pathological laboratory.....	234.37
Fruit diseases.....	3,343.55
Forest pathology.....	1,633.17
Cotton and truck diseases.....	1,934.18
Crop physiology.....	1,707.62
Bacteriology and nutrition.....	1,403.08
Crop acclimatization.....	2,048.00
Drug and other plants.....	2,022.24
Crop technology.....	177.81
Cotton standardization.....	318.88
Grain standardization.....	2,149.02
Physical investigations.....	634.02
Special seeds and plants.....	193.10
Seed-testing laboratories.....	1,071.07
Grain investigations.....	7,193.82
Tobacco investigations.....	894.80
General plant breeding.....	1,457.90
Paper-plant investigations.....	978.23
Alkali and drought resistant plants.....	1,501.16
Sugar-plant investigations.....	2,696.81
Taxonomic and range investigations.....	1,844.85
Farm management.....	15,327.10
Farmers' cooperative demonstration work.....	310.80
Dry-land agriculture.....	539.85
Western agricultural extension.....	1,585.05
Pomological investigations.....	11,264.42
Arlington farm and horticulture.....	2,337.67
Administrative and miscellaneous.....	314.19
Purchase and distribution of valuable seeds, 1911:	
Congressional seed distribution.....	5,942.99
Foreign seed and plant introduction.....	3,088.08
Investigating the chestnut-tree bark disease, 1911-12.....	240.89
General expenses, Forest Service, 1911:	
General administration.....	10,232.87
Management of forests.....	12,279.93
Market and miscellaneous investigations.....	844.68
Forest products.....	564.38
National forest range investigations.....	2,689.34
Cooperative work, forest investigations.....	911.13
Acquisition of lands for protection of watersheds of navigable streams, 1911.....	3,376.21
General expenses, Bureau of Chemistry, 1911:	
Laboratory, miscellaneous expenses.....	4,366.00
Food and drugs act.....	13,328.68
Food and drugs act, referee board.....	22.75
General expenses, Bureau of Soils, 1911:	
Soil-laboratory investigations.....	598.99
Soil-water investigations.....	524.79
Soil survey.....	967.73
Administrative expenses.....	66.35
1911-12.....	794.82
General expenses, Bureau of Entomology, 1911:	
Deciduous fruit insects.....	34.69
Miscellaneous insects.....	552.15
Preventing spread of moths, Bureau of Entomology, 1911.....	230.29
General expenses, Bureau of Biological Survey, 1911:	
Game preservation.....	1,817.06
Maintenance of mammal and bird reservations.....	162.01
Food habits of birds and mammals.....	5,373.90
Biological investigations.....	2,585.03
Administrative expenses.....	774.57
Protection and removal of elk in Wyoming.....	643.70
General expenses, Bureau of Statistics, 1911 (special investigations).....	2,106.79
Library, Department of Agriculture, 1911.....	30.50
Contingent expenses, Department of Agriculture, 1911.....	1,183.91
Agricultural experiment stations, 1911.....	2,650.12
Agricultural experiment stations, 1911 (farmers' institutes).....	1,644.75
Nutrition investigations, 1911.....	386.84
Irrigation investigations, 1911.....	1,080.25
Drainage investigations, 1911.....	760.61
General expenses, Office of Public Roads, 1911:	
Road management.....	3,716.06
Investigating road building and maintenance.....	9,679.10
Road material.....	3,460.87
Enforcement of the insecticide act, 1911.....	165.26
Total.....	197,509.85